

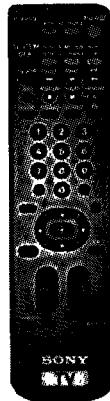
SERVICE MANUAL

AA-2D CHASSIS

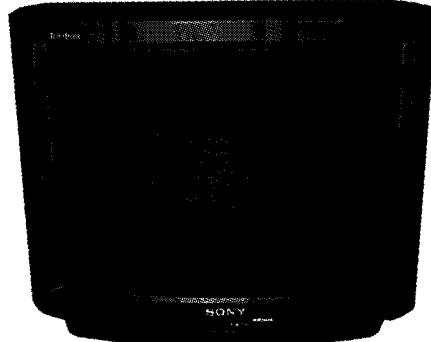
<u>MODEL</u>	<u>COMMANDER</u>	<u>DEST.</u>	<u>CHASSIS NO.</u>
KV-32V26	RM-Y137A	US	SCC-K96B-A
KV-32V26	RM-Y137A	CND	SCC-K97A-A
KV-32V36	RM-Y137A	US	SCC-K96C-A
KV-32V36	RM-Y137A	CND	SCC-K97B-A
KV-34V36C	RM-Y137A	E	SCC-K98A-A
KV-35V36	RM-Y137A	US	SCC-K96G-A
KV-35V36	RM-Y137A	CND	SCC-K97F-A
KV-35V76	RM-Y137A	US	SCC-K96H-A
KV-37V36M	RM-Y137A	E	SCC-K98J-A

Note: Adjustment Manual for this model is published separately

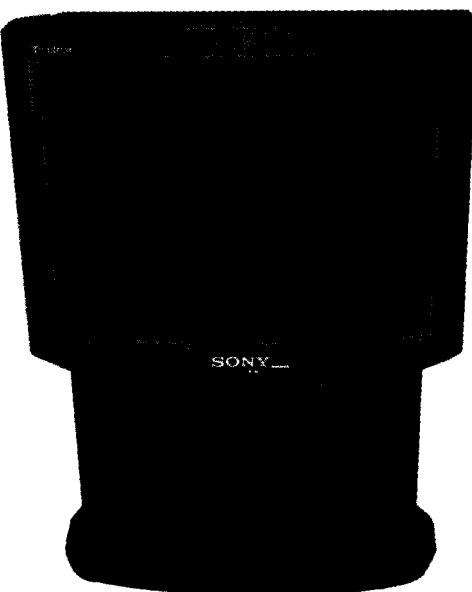
	Adjustment Manual
Part No.	9-965-829-01



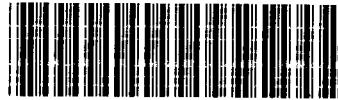
RM-Y137A



KV-32V36



KV-35V76



996582701

TRINITRON® COLOR TV
SONY®

SPECIFICATIONS**For all models:**

Television system	American TV standard				
Channel coverage	VHF : 2-13 UHF : 14-69 CATV : 1-125				
Antenna	75-ohm external antenna terminal for VHF / UHF				
Picture tube	Hi-Black Trinitron® tube				

For specific models:

	KV-32V26	KV-32V36	KV-34V36C	KV-35V36	KV-35V76	KV-37V36M
Screen Size (measured diagonally)	32 inch	32 inch	32 inch	35 inch	35 inch	35 inch
Power requirements	120V, 60Hz	120V, 60Hz	220V, 50/60Hz	120V, 60Hz	120V, 60Hz	120V, 60Hz
Number of inputs/outputs						
Video ⁽¹⁾	3	3	3	3	3	3
S video ⁽²⁾	1	2	2	2	2	2
Audio ⁽³⁾	3	3	3	3	3	3
Audio out ⁽⁴⁾	1	1	1	1	1	1
Monitor out ⁽¹⁾	1	1	1	1	1	1
TV out ⁽¹⁾	-	1	1	1	1	1
S-Link	●	●	●	●	●	●
Speaker output (W)	5W x 2	10W x 2	10W x 2	5W x 2	10W x 2	5W x 2
Power consumption (W) When in use (Max.) In Standby	190W 13W	210W, 2.75A 13W	210W 13W	215W, 2.80A 13W	225W, 2.90A 13W	215W, 2.80A 13W
Dimensions (W/H/D) (mm)	821 x 675.3 x 587 mm	821 x 675.3 x 587 mm	821 x 675.3 x 587 mm	920 x 730.8 x 641.8 mm	920 x 1207 x 713 mm	920 x 730.8 x 641.8 mm
(in.)	33 ¹ / ₂ x 27 ⁵ / ₈ x 24 in.	33 ¹ / ₂ x 27 ⁵ / ₈ x 24 in.	33 ¹ / ₂ x 27 ⁵ / ₈ x 24 in.	37 ⁵ / ₈ x 29 ⁷ / ₈ x 26 ¹ / ₈ in	37 ⁵ / ₈ x 49 ³ / ₈ x 28 ¹ / ₈ in	37 ⁵ / ₈ x 29 ⁷ / ₈ x 26 ¹ / ₈ in
Mass (kg) (lb)	70 kg 154 lbs 6oz	70 kg 154 lbs 6oz	70 kg 154 lbs 6oz	90 kg 198 lbs 7oz	130 kg 279 lbs 6oz	90 kg 198 lbs 7oz
Supplied accessories						
Remote commander (w/ 2 size AA (R6) batteries)	RM-Y137A	RM-Y137A	RM-Y137A	RM-Y137A	RM-Y137A	RM-Y137A

⁽¹⁾ 1 Vp-p, 75 ohms unbalanced, sync negative⁽²⁾ Y: 1 Vp-p, 75 ohms unbalanced, sync negative C: 0.286 Vp-p (Burst signal), 75 ohms⁽³⁾ 500 mVrms (100% modulation); Impedance: 47 kilohms⁽⁴⁾ More than 408 mVrms at the maximum volume setting (variable)

More than 408mVrms (fix); Impedance: 5 kilohms

** Design and specifications are subject to change without notice.

Optional accessories

Connecting cables VMC-810S/820S, VMC-720M,
YC-15V/30V, RK-74A
TV Stand SU-32A (KV-32V26/32V36/34V36C only)
TV Stand SU-35A (KV-35V36/37V36M)
U/V mixer EAC-66

(●)® SRS (SOUND RETRIEVAL SYSTEM)

The (●) SRS (SOUND RETRIEVAL SYSTEM) is manufactured by Sony Corporation under license from SRS Labs, Inc. It is covered by U.S. Patent No. 4,748,669. Other U.S. and foreign patents pending.

The word "SRS" and the SRS symbol (●) are registered trademarks of SRS Labs, Inc.

SAFETY CHECK-OUT (US Model only)

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
6. Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
7. Check the B+ and HV to see if they are specified values. Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.
8. Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC Leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampere). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instructions.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low voltage scale. The Simpson's 250 and Sanwa SH-63Trd are examples of passive VOMs that are suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

HOW TO FIND A GOOD EARTH GROUND

A cold-water pipe is guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth-ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms. If a cold-water pipe is not accessible, connect a 60-100 watts trouble light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side of the line, the lamp should light at normal brilliance if the screw is at ground potential. (See Fig. B)

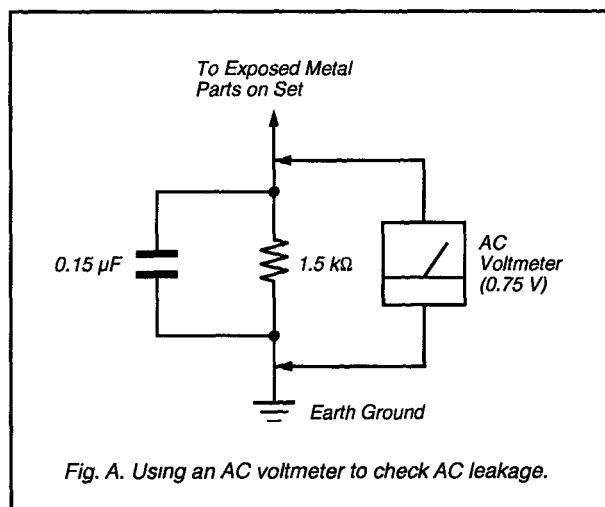


Fig. A. Using an AC voltmeter to check AC leakage.

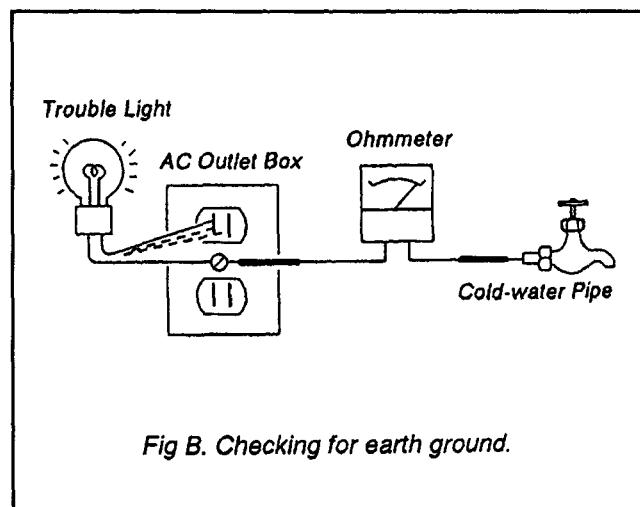


Fig. B. Checking for earth ground.

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CAUTION!

SHORT CIRCUIT THE ANODE OF THE PICTURE TUBE AND THE ANODE CAP TO THE METAL CHASSIS, CRT SHIELD, OR CARBON PAINTED ON THE CRT, AFTER REMOVING THE ANODE.

ATTENTION

APRES AVOIR DECONNECTE LE CAP DE L'ANODE, COURT-CIRCUITER L'ANODE DU TUBE CATHODIQUE ET CELUI DE L'ANODE DU CAP AU CHASSIS METALLIQUE DE L'APPAREIL, OU AU COUCHE DE CARBONE PEINTE SUR LE TUBE CATHODIQUE OU AU BLINDAGE DU TUBE CATHODIQUE.

WARNING!!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE TO AVOID POSSIBLE SHOCK HAZARD, BECAUSE OF LIVE CHASSIS.

THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE AC POWER LINE.

ATTENTION!!

AFIN D'EVITER TOUT RESQUE D'ELECTROCUTION PROVENANT D'UN CHASSIS SOUS TENSION, UN TRANSFORMATEUR D'ISOLEMENT DOIT ETRE UTILISE LORS DE TOUT DEPANNAGE. LE CHASSIS DE CE RECEPTEUR EST DIRECTEMENT RACCORDE A L'ALIMENTATION SECTEUR.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK Δ ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL FOR SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL FOR SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

ATTENTION AUX COMPOSANTS RELATIFS A LA SECURITE!!

LES COMPOSANTS IDENTIFIES PAR UNE TRAME ET PAR UNE MARQUE Δ SUR LES SCHEMAS DE PRINCIPE, LES VUES EXPLOSEES ET LES LISTES DE PIECES SONT D'UNE IMPORTANCE CRITIQUE POUR LA SECURITE DU FONCTIONNEMENT. NE LES remplacer que par des composants Sony dont le numero de piece est indique dans le present manuel ou dans des supplement publies par Sony. Les reglages de circuit dont l'importance est critique pour la securite du fonctionnement sont identifiees dans le present manuel. suivre ces procedures lors de chaque remplacement de composants critiques, ou lorsqu'un mauvais fonctionnement suspecte.

The instructions mentioned here are partial abstracts from the Operating Instruction Manual.
The page numbers shown reflect those of the Operating Instruction Manual.

SECTION 1 GENERAL

Welcome!

Thank you for purchasing the Sony Trinitron® Color TV. This manual is written for the models listed below. Before reading, check the model number on the rear of your TV.

Model KV-27S26 is used for illustration purposes. The screens displayed are for model KV-35V36. Differences in operation features are indicated in the text, for example, "KV-27S26 only".

Using This Manual

This manual is divided into four major sections. We recommend that you carefully review the contents of each section in the order provided to ensure that you fully understand the operation of your new TV.

1 Connecting and Installing the TV.

This section will guide you through your initial set up. It will show you how to connect your new components, connect to your antenna or cable, and connect any accessories.

2 Basic Set Up.

This section will teach you the basic skills needed to operate your new TV. It will show you how to operate special functions of the remote control.

3 Using your New TV

This section will show you how to begin using your new TV. It will show you how to use the AUTO SET UP feature, and how to use your remote control's features.

4 Adjusting your Set Up (menus).

This section will teach you how to access on-screen menus and adjust your TV's settings.

Instructions in this manual are written for the remote control. Similar controls may be found on the TV console.

Connecting and Installing the TV

Connector Types

You may find it necessary to use some of the following connector types during set up:

Coaxial Cable

Standard TV Cable and Antenna connector plug type.

Screw-on Type

Screw onto connection point.

Video Cable

High quality Video connector for enhanced picture quality.

Audio/Video Cable

Conventional Audio/Video cable.

S-Link Cable

Sony Link connector (only available on Sony products) for simultaneous control of your components.

Press onto connection

Align guides and press onto connection

Cable

Press onto connection

Yellow - Video

White - Audio (Left)

Red - Audio (Right)

Antenna connector

Connecting and Installing the TV (continued)

Connecting an antennacable TV system with a VCR

1 Attach the coaxial connector from your cable or antenna to IN on your VCR.

2 Using AUDIO/VIDEO connectors, connect AUDIO and VIDEO OUT on your TV to (Yellow-AUDIO Left, Red-AUDIO Right).

3 Using a coaxial connector, connect OUT on your VCR to VHF/UHF on your TV.

Connecting to an S Video equipped VCR (for optimum picture quality)

1 Attach the coaxial connector from your cable or antenna to IN on your VCR.

2 Using AUDIO/VIDEO connectors, connect AUDIO OUT on your VCR to (White-AUDIO Left, Red-AUDIO Right).

3 Using a coaxial connector, connect OUT on your VCR to VHF/UHF on your TV.

4 Using an S VIDEO connector, connect S VIDEO on your VCR to S VIDEO on your TV.

* If you are connecting a monaural VCR, connect only the single audio output to the left input on your TV.

Note on DVD Connection:

* For the best picture quality, connect the DVD player directly to the TV. Refer to your DVD manual for detailed connection information.

Refer to your DVD manual for detailed connection information.

4

Precautions

Safety

• Operate the TV only on 120 V AC (except KV-29RS26C, 29V36C, 34RS26C, 34V36C).

• Operate the TV only on 220 V AC (KV-29RS26C, 29V36C, 34RS26C, 34V36C only).

• The plug is designed, for safety purposes, to fit in the wall outlet only one way. If you are unable to insert the plug fully into the outlet, contact your dealer (except KV-29RS26C, 29V36C, 34RS26C, 34V36C).

• If any liquid or solid object should fall inside the cabinet, unplug the TV immediately and before operating it, qualified personnel.

• If you will not be using the TV for several days, disconnect power by pulling the plug itself. Never pull on the cord.

For details concerning safety precautions, see the supplied leaflet "IMPORTANT SAFETY CARD".

Installing

• To prevent internal heat build-up, do not block the ventilation openings.

• Do not install the TV in a hot or humid place, or in a place subject to excessive dust or mechanical vibration.

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Standard TV Cable and Antenna connector plug type.

Screw-on Type

Screw onto connection point.

Video Cable

High quality Video connector for enhanced picture quality.

Audio/Video Cable

Conventional Audio/Video cable.

S-Link Cable

Sony Link connector (only available on Sony products) for simultaneous control of your components.

Press onto connection

Align guides and press onto connection

Cable

Press onto connection.

Antenna connector

Align guides and press onto connection.

Connecting a cable box

Some pay cable TV systems use scrambled or encoded signals that require a cable box to view all channels.

(Rear of TV)

VHF/UHF

AUX

Cable

IN

OUT

*Cable Box

75-ohm coaxial cable (not supplied)

CATV cable

Scrambled channels

(Rear of TV)

AUX

TO CONVERTER

Antenna cable

VHF/UHF

75-ohm coaxial cable (not supplied)

(Rear of TV)

VHF/UHF

75-ohm coaxial cable (not supplied)

(Rear of TV)

VHF/UHF

75-ohm coaxial cable (not supplied)

(Rear of TV)

VHF/UHF

75-ohm coaxial cable (not supplied)

(Rear of TV)

VHF/UHF

75-ohm coaxial cable (not supplied)

(Rear of TV)

VHF/UHF

75-ohm coaxial cable (not supplied)

(Rear of TV)

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Press onto connection

Align guides and press onto connection

Cable

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Antenna connector

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(Rear of TV)

VHF/UHF

AUX

Cable

IN

OUT

*Cable Box

75-ohm coaxial cable (not supplied)

CATV cable

Scrambled channels

(Rear of TV)

AUX

TO CONVERTER

Antenna cable

VHF/UHF

75-ohm coaxial cable (not supplied)

(Rear of TV)

VHF/UHF

75-ohm coaxial cable (not supplied)

(Rear of TV)

VHF/UHF

75-ohm coaxial cable (not supplied)

(Rear of TV)

VHF/UHF

75-ohm coaxial cable (not supplied)

(Rear of TV)

VHF/UHF

75-ohm coaxial cable (not supplied)

(Rear of TV)

VHF/UHF

Connecting and Installing the TV

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Cable

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(Rear of TV)

VHF/UHF

AUX

Cable

IN

OUT

*Cable Box

75-ohm coaxial cable (not supplied)

CATV cable

Scrambled channels

(Rear of TV)

AUX

TO CONVERTER

Antenna cable

VHF/UHF

75-ohm coaxial cable (not supplied)

(Rear of TV)

VHF/UHF

75-ohm coaxial cable (not supplied)

(Rear of TV)

VHF/UHF

75-ohm coaxial cable (not supplied)

(Rear of TV)

VHF/UHF

75-ohm coaxial cable (not supplied)

(Rear of TV)

VHF/UHF

75-ohm coaxial cable (not supplied)

(Rear of TV)

VHF/UHF

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Screw-on Type

Screw onto connection point.

Video Cable

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Press onto connection

Align guides and press onto connection

Cable

Press onto connection.

Antenna connector

Align guides and press onto connection.

Connecting a cable box

Some pay cable TV systems use scrambled or encoded signals that require a cable box to view all channels.

(Rear of TV)

VHF/UHF

AUX

Cable

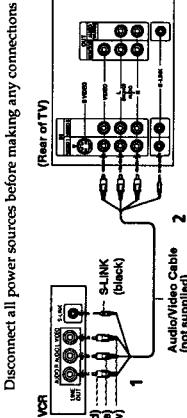
IN

OUT

*Cable Box

75-ohm coaxial cable (not supplied)</h

■ Connecting and installing the TV (continued)



Using the S-Link function

- KV-27V26, 27V36, 29V36C, 29V36M, 29V76M, 32V26, 32V36, 34V36, 34V36C, 35V36, 35V36M only
- S-Link is a Sony innovation designed to make your Sony components work together. It allows you to automatically switch the TV input mode to video when you press PLAY on your Sony S-Link VCR. It also allows you to turn the VCR and TV off at the same time with the SYSTEM OFF button.

- 1 Connect your VCR using the setup instructions on page 9 of this manual.
- 2 Using an S-Link connector, connect the S-Link jacks on your VCR and TV. Ensure that both ends are seated firmly and that the S-Link connector is in the same row as the AUDIO/VIDEO connectors.

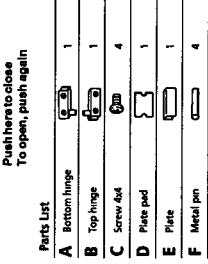
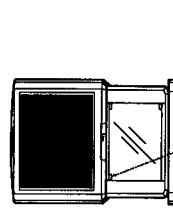
Connecting a camcorder

- KV-27V26, 27V36, 29V36C, 29V36M, 29V76M, 32V26, 32V36, 34V36, 34V36C, 35V36, 35V36M only
- This connection is convenient for viewing a picture directly from your camcorder.
- Using AUDIO/VIDEO connectors, connect AUDIO and VIDEO OUT on your camcorder to AUDIO and VIDEO IN on the front panel of your TV (Yellow-VIDEO, White-AUDIO Left, Red-AUDIO Right).

Note:
• If you are connecting a monaural camcorder, connect only the single audio output to the left input on your TV.

KV-32TW26 and KV-35V76 only

Follow these instructions to install the glass door and adjust the shelf.

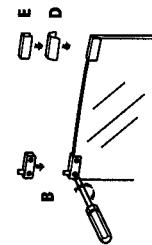


10

Note

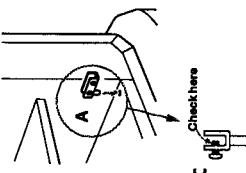
- Confirm that all parts are included before beginning assembly. If any parts are missing, contact your dealer.

- 2 Attach the top hinge **B** to the right side of the glass door, tighten the screws snugly, but do not overtighten. Attach the plate pad **D** to the left side and push the plate **E** over the plate pad.



Installing the glass door

- 1 Check that the projection of the screw through the bottom hinge **A** does not interfere with the proper installation of the hinge to the glass door, and then insert the hinge into the hole located at the bottom right side of cabinet.



C

11

■ Basic Set up

Inserting batteries

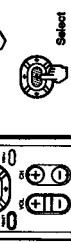
Insert two size AA (R6) batteries (supplied) by matching the + and - on the batteries to the diagram inside the battery compartment.



12

On Line Help/instructions

Several menu windows will provide prompts and instructions to assist you in navigating through the different functions. When presented, use these to supplement the instructions in this manual.



The supplied remote control has select buttons which allow for movement of the on-screen selector in four directions. Pressing on the edge of the select buttons will cause the selector to move in the selected direction. Pressing the center of the select buttons "□" will activate the selected item.

Adjusting sliders

When menu items present a slider (— or —), use the select buttons (◀ or ▶) to adjust the setting.

Using your New TV

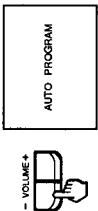
Setting up the TV automatically

The EASY SET UP GUIDE feature will allow you to set the on-screen language and set all receivable channels. The EASY SET UP GUIDE screen will appear every time you turn on the TV until you perform AUTO PROGRAM.

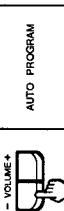
To set up the TV manually, refer to "Using the SET UP menu" on page 22.

Tips

- Perform the following during the day with antenna and/or cable connected to receive available channels well before setting and receiving channels.
- After using EASY SET UP GUIDE, you will have the option of choosing a language, system settings like averaging channels, through the SET UP menu (page 22).
- If your cable or antenna is connected to AUX, then press ANT until AUX appears next to the channel number (KV-27S36, 29V36C, 35V36, 35V76, 37V36M only).
- Press POWER to turn on the TV. The EASY SET UP GUIDE screen appears.
- The EASY SET UP GUIDE feature does not apply for installations that use a cable box or a channel selection.



Using the buttons on the front of the TV



- VOLUME +

POWER

For KV-27V36, 29V36C, 29V76M, 32V36, 34V36C, 35V36, and 37V36M, the control buttons are located on the top of the TV.

1 Press POWER to turn on the TV. The EASY SET UP GUIDE screen appears.

2 (Except Canadian models) Press CHANNEL + to select English screens or CHANNEL - to select Spanish screens.

3 Press VOLUME - to continue or TV/VIDEO for a DEMO of functions and menus for a DEMO of functions and menus

Using your New TV (continued)

Watching the TV

All of the TV features can be accessed via the remote control. The following chart will explain the function of the buttons found on your remote control.

	TV/FUNCTION	Activates the remote control for use with the TV
	TV POWER	Turns the TV on and off. If "VIDEO" appears on the screen, press TV/VIDEO or ANT so that a channel number appears.
①-⑨	Use for direct channel selection. Press 0-9 to select a channel (for example, to select channel 10, press 1 and 0), the channel will change after 2 seconds, or you can press ENTER for immediate selection.	
CH +/-	Press to scan through the channels (+ up or - down)	
VOL +/-	Press to adjust the volume (+ up or - down)	
JUMP	Press to alternate or jump back and forth between two channels. You can only jump between the last two channels that have been selected with the 0-9 keys	
MUTING	Press to mute the sound ("MUTING" will appear on the screen). Press again or press VOL + to restore sound	
FREEZE	Press to freeze the window picture while in PIP mode. If you are not in PIP mode, pressing FREEZE will cause the main picture to freeze into a window picture. Great for copying down phone numbers, addresses, recipes, etc.	

14

Using your New TV (continued)

Watching two programs at one time — PIP

The Picture-in-Picture (PIP) feature allows you to view two channels simultaneously, one in the full size "main" picture and one in a smaller "window" picture. This means that two separate tuners must be available to provide the two signals.

Certain models (KV-27S26, 29S26, 32TWN26, 34VS26, 35VS26, 37VS26, 37VS26 only) are equipped with a single tuner. This simply means that a VCR must be connected and turned on for PIP to operate.

Tip To ensure a correct angle/tuner PIP connection (KV-27S26, 27V26, 29RS26, 29VS26, 32S26, 32TW26, 34RS26, 34VS26, 37RS26 only), measure the following list of simple connections/combinations using PIP:

- A cable or antenna is connected to the VCR
- The VCR is connected to your TV
- The VCR is turned on
- (for detailed connection information, see page 3-5)

13

SLEEP Press repeatedly until the TV displays the approximate time in minutes (30, 60, or 90) that you want the TV to remain off before shutting off automatically.

DISPLAY Cancel by pressing until "SLEEP OFF" appears.

Status Press repeatedly to step through available displays.

MTS Channel number, current time, channel caption (if set), and MTS mode (if SAP is displayed) are displayed.

XDS (Extended Data Service) shows a network name, program name, program type, program length, call letters, and time of the show if the broadcaster offers this service.

Caption Vision Caption Vision will be displayed on the screen if the broadcaster offers this service (see right).

To cancel the display, press DISPLAY repeatedly until "DISPLAY OFF" appears. "DISPLAY OFF" disappears after three seconds.

TV/VIDEO Press repeatedly to step through available video inputs.

ANT TV Video 1 and Video 2 (KV-27S26, 27S36, 29RS26, 29VS26, 32S26, 32TW26, 34RS26, 34VS26, 37RS26 only).

Press to change the HF/HF/HF input to the AUX input (KV-27S26, 27V26, 29V36C, 29V66M, 29V76M, 32V26, 32V36, 34V36C, 35V36, 35V76, 37V36M only).

SYSTEM OFF Press to turn off the TV and all other equipment connected with S-Link and return the TV input to either antenna or AUX, whichever was last used.

MTS/GUIDE Press this button to cycle through the Multi-channel TV Sound (MTS) options (page 20).

REFER TO THE ILLUSTRATION ON THE INSIDE FRONT COVER OF THIS MANUAL AS YOU REVIEW THIS CHART

ILLUSTRATION OF THE REMOTE CONTROL ON THE INSIDE FRONT COVER OF THIS MANUAL AS YOU REVIEW THIS CHART

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Using your New TV (continued)

Watching the TV

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Using your New TV (continued)

Watching two programs at one time — PIP

The Picture-in-Picture (PIP) feature allows you to view two channels simultaneously, one in the full size "main" picture and one in a smaller "window" picture.

Main picture

Window picture

Input source made or TV channel for the main picture

Input source made or TV channel for the window picture

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Notes

Poor reception of TV programs can cause errors in Caption Vision and XDS. Captions may appear with a white box or other errors instead of intended text.

XDS, Caption Vision, and the status display cannot be used at the same time.

You must press TV/FUNCTION before you can control PIP with the yellow labeled buttons.

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Using your New TV (continued)

Watching two programs at one time — PIP

The Picture-in-Picture (PIP) feature allows you to view two channels simultaneously, one in the full size "main" picture and one in a smaller "window" picture.

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Watching two programs at one time — PIP

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XDS, Caption Vision, and the status display cannot be used at the same time.

You must press TV/FUNCTION before you can control PIP with the yellow labeled buttons.

Use the Yellow Labeled Buttons for PIP Operations.

TV/PIP + CH	Press to change the TV channel in the window picture (+ to increase the channel number and - to decrease). For models KV-27S26, 27V26, 29RS26, 29RS26C, 29V66M, 32VS26, 34VS26C, 35S26, and 37FS26, if you are watching the video input in the window picture, you must press VTR (FUNCTION), then use the main CH +/- buttons to change channels
POSITION (1)	Press to move the location of the window picture (counterclockwise) around the main picture
FREEZE (2)	Press to freeze the window picture Great for copying down phone numbers, addresses, recipes, etc. If a window picture is displayed, then it will be frozen and displayed as a window picture Press FREEZE again to restore the previous screen(s)
SWAP (3)	Press to switch the audio and video of the main picture and the window picture Each time you press SWAP, the picture and sound of the two will be SWAPPED The channels being received through the AUX jack cannot be displayed as a window picture (KV-27S26, 27V26, 29V66M, 32VS26, 34VS26C, 35S26, 35V36, 37V36M only)

■ ■ ■ Adjusting your SET UP (menus)

Learning menu selection

Use the MENU button to access a menu and use the Select buttons to alter settings. Use the following example to learn how to modify settings

- 1 Press the MENU button
- The main menu appears



- 3 Press the select buttons (or) to select the desired option



- 5 Make your selection and press (to activate it



When you are done with changes to the selected menu, choose MENU to return to the main menu Once you have completed all menu corrections, press MENU on the remote control to exit the menu screens

Note

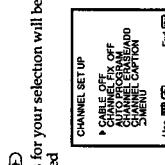
- Pressing MENU on the remote control will allow you to exit from the menus

Adjusting your SET UP (menus) (continued)

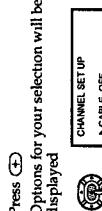
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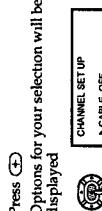
- 1 Press the MENU button
- 2 Press the select buttons (or) to highlight to the desired menu and press (to activate it



- 3 Press the select buttons (or) to select the desired option



- 4 Press (Options for your selection will be displayed



- 5 Make your selection and press (to activate it



- 5 Make your selection and press (to activate it

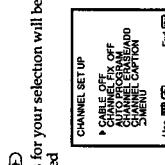


Adjusting your SET UP (menus) (continued)

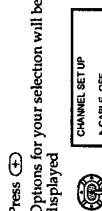
Using the AUDIO menu

Use the MENU button to access a menu and use the Select buttons to alter settings. Use the following example to learn how to modify settings

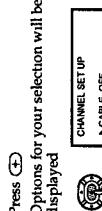
- 1 Press the MENU button
- 2 Press the select buttons (or) to highlight to the desired menu and press (to activate it
- 3 Press the select buttons (or) to select the desired option
- 4 Press (Options for your selection will be displayed
- 5 Make your selection and press (to activate it



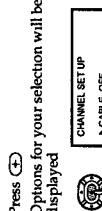
- 6 Press the select buttons (or) to select the desired option



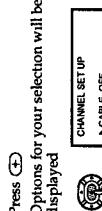
- 7 Press the select buttons (or) to select the desired option



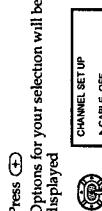
- 8 Press the select buttons (or) to select the desired option



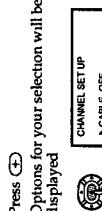
- 9 Press the select buttons (or) to select the desired option



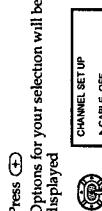
- 10 Press the select buttons (or) to select the desired option



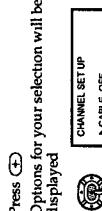
- 11 Press the select buttons (or) to select the desired option



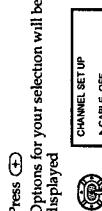
- 12 Press the select buttons (or) to select the desired option



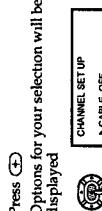
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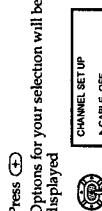
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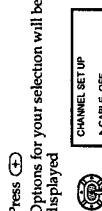
- 15 Press the select buttons (or) to select the desired option



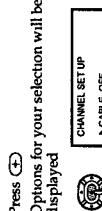
- 16 Press the select buttons (or) to select the desired option



- 17 Press the select buttons (or) to select the desired option



- 18 Press the select buttons (or) to select the desired option



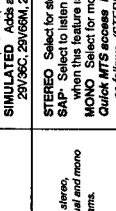
Using the VIDEO menu

MODE	STANDARD Select to receive a standard picture
Customized picture setting	MOVIE Select to receive a finely detailed picture
SPORTS Select to receive a vivid, bright picture	PICTURE Adjustment
SLIDERS	Adjust sliders left (cursor down) to decrease picture contrast and soften the color
SHARPNESS	Adjust sliders right (cursor up) to increase picture contrast and create more vivid color
BRIGHTNESS	Adjust sliders left (cursor down) to decrease the green tones
HUE	Adjust sliders right (cursor up) to increase the green tones
COLOR	Adjust sliders left (cursor down) to decrease color intensity
Picture Adjustment	Adjust sliders right (cursor up) to increase color intensity
MONITOR	Adjust sliders left (cursor down) to darken the picture
MONITOR	Adjust sliders right (cursor up) to brighten the picture
BRIGHTNESS	Adjust sliders left (cursor down) to soften the picture
SHARPNESS	Adjust sliders right (cursor up) to sharpen the picture
LIGHT SENSOR	(KV-27V26, 27V26, 29V36C, 29V36M, 32VS26, 34VS26C, 35V36, 36V76, 37V36M only)
Picture Adjustment	ON TV automatically adjusts the brightness of the picture according to the brightness of the room
MONITOR	OFF Brightness remains at preset value

For detailed information on using the remote to modify menu settings, refer to "Learning menu selection" on page 18

To select the VIDEO menu:

- 1 Press the VIDEO (III) button
- 2 Highlight (
- 3 Select (
- 4 Press RESET on the remote control while the VIDEO menu is displayed



- 5 Make your selection and press (to activate it

To restore the factory settings
Press RESET on the remote control while the VIDEO menu is displayed

- Tip: (for direct selection of an EFFECT setting
- VARIABLE Sound output varies according to the TV settings Volume, Bass, Treble, and Balance are adjusted through the TV. Use them when you want to use your remote to control the output of a separate audio system
- STEREO Sound output is fixed at a fixed level Volume, Bass, Treble, and Balance are fixed to the factory settings. Volume adjustments are made through your stereo

TREBLE	Sound Adjustment	Adjust slider left (cursor down) to decrease higher pitched sounds
BASS	Sound Adjustment	Adjust slider right (cursor up) to increase higher pitched sounds
BALANCE	Sound Adjustment	Adjust slider right (cursor up) to decrease low pitched sounds
EFFECT	Sound Adjustment	Adjust slider left (cursor down) to emphasize left speaker volume
SURROUND	Sound Adjustment	Adjust slider right (cursor up) to emphasize right speaker volume
SRS	Sound Adjustment	Simulates theater quality sound (only for stereo programs) KV-27S26, 27V26, 29RS26, 29RS26C, 32VS26, 34VS26, 35VS26, 37V36 only
STEREO	Sound Adjustment	Produces a dynamic three-dimensional sound for stereo or encoded audio sound (only for stereo programs) KV-27V26, 27V26, 32VS26, 34VS26, 35VS26, 37V36 only
MONO	Sound Adjustment	Adds a surround effect to mono programs KV-27V26, 27V26, 32VS26, 34VS26, 35VS26, 37V36 only
SIMULATED	Sound Adjustment	Simulates a broadcast signal when viewing a program broadcast in stereo KV-27V26, 27V26, 32VS26, 34VS26, 35VS26, 37V36 only
STEREO	Select	Select for stereo reception when viewing a program broadcast in stereo
SAP	Select	Select for mono reception (use to reduce noise during stereo broadcasts)
MONO	Select	Select for mono reception (use to reduce noise during stereo broadcasts)
STEREOPHONO	Select	Select for stereo sound from the TV speakers and a separate stereo system
SPEAKER	ON	Select to turn on the TV speakers and listen to the TV's sound only through external audio system speakers
AUDIO OUT	OFF	Select to turn off the TV speakers and listen to the TV's sound only through external audio system speakers
VARIABLE	Sound	Output varies according to the TV settings Volume, Bass, Treble, and Balance are adjusted through the TV. Use them when you want to use your remote to control the output of a separate audio system
STEREO	Sound	Sound output is fixed at a fixed level Volume, Bass, Treble, and Balance are fixed to the factory settings. Volume adjustments are made through your stereo

■ Adjusting your SET UP menus (continued)

① Using the TIMER menu



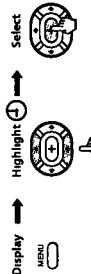
DAYLIGHT SAVING
Select YES to compensate for Daylight Saving Time
The current time automatically moves one hour ahead
Select NO at the end of Daylight Saving Time
The current time moves back one hour

Automatically adjusts the time.

After setting the clock, you can use the timer to turn the TV on and off

For detailed information on using the remote to modify menu settings, refer to "Learning menu selection" on page 18

To select the TIMER menu:



TIP
Set daylight saving time before setting the clock. Any loss of power will cause the setting to be erased

Using the SET UP menu



CURRENT TIME SET
Necessary for the TIMER
1 Press or on the select buttons until the current day (MON-SUN) is displayed
2 Press or on the select buttons until the current hour (01-12) and AM/PM is displayed
3 Press or on the select buttons until the current minute (00-59) is displayed
4 Press

The Clock has now started. Press MENU to exit

ON/OFF TIMER
Wake up or scheduled viewing
1 Press or on the select buttons until the desired day (EVERY Sun-Sat or EVERY Mon-Fri) is displayed
2 Indicate the time (first then minutes) that you want the TV to turn on by pressing or and then or pressing or and then or to cancel the timer function.
3 Set the time duration (maximum of 6 hours) by pressing or and then or
4 Press or on the select buttons to select the desired channel. Press to select
The timer is now set. The TIMER indicator on your TV will be lit
Press MENU to exit. When you perform AUTO PROGRAM, all TIMER settings will be erased

21

CHANNEL SET UP menu



With the CHANNEL SET UP window open
1 Use or to select the feature you want to change
2 Press to access the feature

CABLE: Select ON if your TV is connected to a cable system (AUTO SET UP will set CABLE to ON automatically when it is selected). Select OFF if your TV is connected to an antenna.

CHANNEL FIX: Use this feature to set the TV's input to one of the following options:
2-6: Choose when the cable box is connected to the VHF/UHF input and you do not want to switch to AUX mode. Once this setting is made you will not be able to use the "TV function" CH+/- to change channels instead, use the "Cable function" CH+/-.

AUX 2-6: Choose when a cable box is connected to AUX and a cable or antenna is connected to ANT. You can alternate between the two inputs by pressing ANT on the remote control (KV-27S36, 28V36, 28V76M, 32S36, 32V36, 35V36, 35V76, 37V36M only).

VIDEO 1: Choose when you have connected video equipment (e.g. VCR) and you want TV input fixed to it. You will only be able to switch between video sources with TIMER and CHANNEL BLOCK settings are erased when CHANNEL FIX is set.

AUTO PROGRAM: Inducts the TV to automatically program all receivable channels

CHANNEL ERASE/ADD: With the CHANNEL ERASE/ADD window open
1 Place the cursor near to ERASE or ADD
2 Select the desired channel using CH+/-, or by selecting with the C-B buttons and pressing ENTER

CHANNEL CAPTION: With the CHANNEL CAPTION window open
1 Press and then or on the select buttons to select the desired channel and press again
2 Press or on the select buttons to display the first letter or number of the caption and press to select it (Repeat until all four digits are selected)
3 Press to activate To erase a caption, press RESET

22

■ Operating video equipment

Setting the manufacturer's code

You can use the supplied remote control to operate Sony or non-Sony video equipment that has an infrared sensor

- 1 Press CODE SET
- 2 Press VTR (FUNCTION)
- 3 Use the D-9 buttons to key in the manufacturer's code number from the following chart
- 4 Press ENTER

Manufacturer	Code
Daewoo	314, 312, 309
Dimension	314, 336, 337
Fisher	312, 313, 321, 335
Funa	324, 325, 326
General Electric	327, 328
Go Video	315
Goldstar	322, 313, 321
Hitachi	335, 336
Instant Replay	338
JVC	314, 336, 337
Kenwood	315
LX (Sears)	329, 304, 309
Magnavox	322
Narantz	308, 309, 310
Nazra	327, 328, 335, 332
Nemorex	312, 313
Ninola	314, 336, 337
Nitsubishi/MGA	309, 310
NEC	325, 326
MultiTech	323, 324
Onkyo	314, 336, 337
Panasonic	308, 309, 310
Philco	308, 309, 310
Philips	308, 309, 310
Pioneer	308, 309, 306
Quasar	309, 310
RCA/PROSCAN	304, 305, 308
Sanyo	312, 313, 310
Satellite	309, 310, 305, 306
Sansui	304, 305, 309

MDP manufacturer code numbers

Code	Manufacturer
301, 302, 303	Olympus
338, 344	Panasonic
327	Fentax
305, 304	Sony
308, 309	Kenwood
308, 310	Magnavox
306	Marantz
308, 309, 306	Mitsubishi
304, 305, 308	Panasonic
312, 313, 310	Satellite
309, 310, 305, 306	Sansui

Code	Manufacturer
701	Alma
707	Bell & Howell (M. Wards)
708	Broksonic
702	Canon
702, 702	Craig
704, 710	Criteon
703	Curtis Maths

VIDEO LABEL menu



Easy recognition of connected equipment (e.g. VCR, VHS, etc.)
1 Press or on the select buttons to select the input mode you want to label and press

VIDEO LABEL Options:
Video 1 VHS, 8mm, BETAMAX, LD, GAME, DBS, DVD, RECEIVER
Video 2 VHS, 8mm, BETA, LD, GAME, DBS, DVD, WEB

(Except Canadian models)
Select item available languages for cause all menus to appear in your language of choice

Press or on the select buttons to select a correction between +5 and -5 and press

TILT CORRECTION: Use this feature to correct any tilt of the picture KV-25S26, 28V36, 35V36, 35V76, 37V36M only
Adjust your picture

■■■ Operating a cable box or DBS receiver

		Buttons on the remote control		Buttons on the remote control		Buttons on the remote control	
		To turn on or off	Press VTR (POWER)	To turn on or off	Press VTR (POWER)	To turn on or off	Press VTR (POWER)
Pioneer	702, 709	To turn on or off	Press VTR (POWER)	To play	Press the ►	To play	Press the ►
Sanyo	706	To select a channel	Press the 0 - 9 buttons directly	To stop	Press ■	To stop	Press ■
Sharp	705			To pause	Press ■	To pause	Press ■
Yamaha	703, 708	To change channels	Press CH +/-	To resume normal playback, press again	Keep pressing ► or ◀ during playback	To search the picture forward or backward	Keep pressing ► or ◀ during playback
Tips ♫		To record	Press ► while pressing ●. First release ►, then release ●.	To resume normal playback, release the button	To resume normal playback, release the button	To resume normal playback, release the button	To resume normal playback, release the button
			To play	Press ■			
		To stop	Press ■				
VHS VCR	301	(preset code for the supplied remote control)	To fast forward	Press ►►	To search the chapter forward or backward	To fast forward	Press ►►
8 mm VCR	302	When you remove the batteries, the code number may revert to the factory setting	To rewind the tape	Press ◀◀	To search the chapter backward	To rewind the tape	Press ◀◀
Beta, ED Beta VCRs	303		To pause	Press ■	To resume normal playback, press again	To pause	Press CH +/-
					To resume normal playback, press ► or ◀ during playback		
					To resume normal playback, release the button		

Pioneer	702	Operating a VCR	Buttons on the remote control	Operating an MDP	Buttons on the remote control	Programming the remote	If the remote control doesn't work
Sanyo	706	To turn on or off	Press VTR (POWER)	To turn on or off	Press VTR (POWER)	You can program the supplied remote control to operate a cable box or DBS receiver	First, try repeating the setup procedures using the other codes listed for your equipment
Sharp	705	To select a channel	Press the 0 - 9 buttons directly	To play	Press the ►		
Yamaha	703, 708	To change channels	Press CH +/-	To stop	Press ■		
Tips ♫		To record	Press ► while pressing ●. First release ►, then release ●.	To pause	Press ■		
				To resume normal playback, press again	Keep pressing ► or ◀ during playback		
				To resume normal playback, release the button	To resume normal playback, release the button		
VHS VCR	301	(preset code for the supplied remote control)	To play	Press ■			
8 mm VCR	302	When you remove the batteries, the code number may revert to the factory setting	To stop	Press ■			
Beta, ED Beta VCRs	303		To fast forward	Press ►►			
			To rewind the tape	Press ◀◀			
			To pause	Press ■			

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■■■ Troubleshooting

Troubleshooting

- Poor or no picture (screen lit), good sound
 - Adjust PICTURE in the VIDEO menu (page 19)
 - Adjust BRIGHTNESS in the VIDEO menu (page 19)
 - Check that cable is connected to the VCR, and the VCR is turned on
 - Check that the VCR is connected to the TV
 - No picture (screen lit), no sound
 - Make sure the power card is plugged in
 - Operate with the buttons on the TV and the remote control
 - Insert the batteries in the remote control with the correct polarity
 - Replace the batteries with new ones if they are weak
 - Check to see if the TV/VIDEO setting is correct when watching TV, set to TV, and when watching video tapes, set to VIDEO1, 2, or 3
 - Try another channel. It could be station trouble
 - Perform AUTO SET UP again using the SET UP button to return to the factory preset condition (page 13)
 - Good picture, no sound
 - Press MUTING so that "MUTING" disappears from the screen (page 14)
 - Check the MTS setting in the AUDIO menu (page 20)
 - Make sure SPEAKER is set to ON in the AUDIO menu (page 20)
 - Perform AUTO SET UP again using the SET UP button to return to the factory preset condition (page 13)
 - No color
 - Adjust the COLOR in the VIDEO menu (page 19)

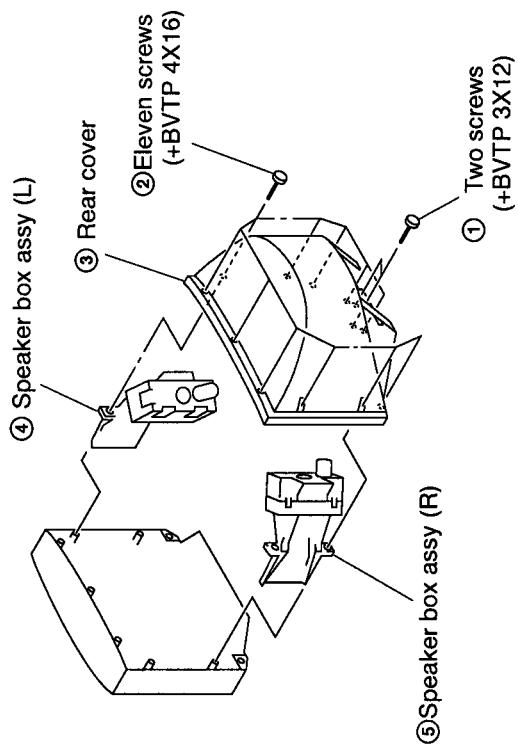
- Black and white programs cannot be seen in color
 - Perform AUTO SET UP again using the SET UP button to return to the factory preset condition (page 13)
- Only snow and noise appear on the screen
 - Check the CABLE setting in the SET UP menu (page 22)
 - Check the antenna/cable connections
 - Make sure the channel is broadcasting programs
 - Press ANT to change the input mode (page 15)
- Dotted lines or stripes
 - Adjust the antenna
 - Move the TV away from noise sources such as cars, neon signs, or hair-dryers
- Double images or ghosts
 - Use a highly directional outdoor antenna or a cable (when the problem is caused by reflections from nearby mountains or tall buildings)
- Cannot operate menu
 - If the item you want to choose appears in gray, you cannot select it. Press TV/VIDEO correctly

Troubleshooting (continued)

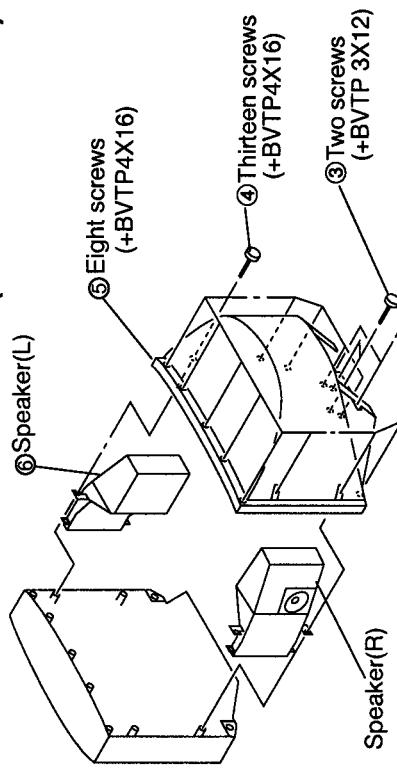
- Cannot gain enough volume when using a cable box
 - Increase the volume at the cable box
 - Then press TV (FUNCTION) and adjust the TV's volume
- TV is fixed to one channel
 - Try turning CHANNEL FIX off (see page 22)
 - Use AUTO PROGRAM to add receivable channels that are not presently in the TV memory (page 22)
- Cannot receive any channels when using cable TV
 - Make sure CABLE is ON in the SET UP menu (page 22)
 - Use AUTO PROGRAM to add receivable channels that are not presently in the TV memory (page 22)
- Remote control does not operate
 - Batteries could be weak. Replace the batteries.
 - Press TV (FUNCTION) when operating your TV
 - Make sure the TV's power cord is connected securely to the wall outlet
 - Locate the TV at least 3-4 feet away from fluorescent lights
 - Check the S-Link connection (page 4-5)

SECTION 2 DISASSEMBLY

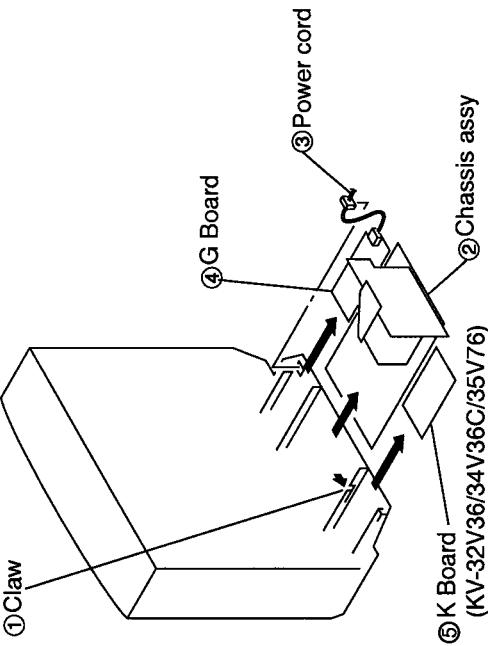
2-1-1. REAR COVER REMOVAL (32V26/32V36/34V36C)



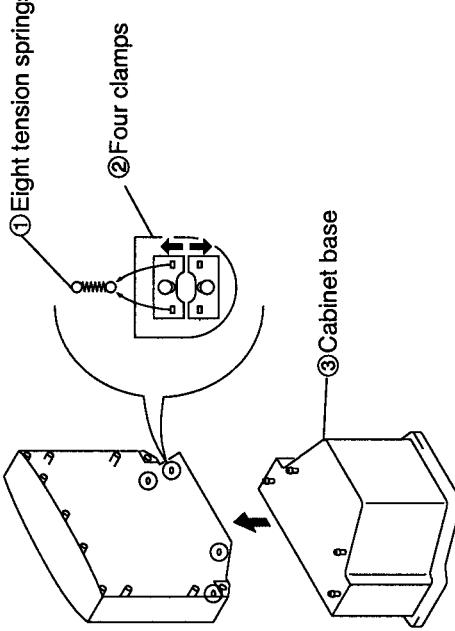
2-1-2. REAR COVER AND SPEAKER REMOVAL (35V36/35V76/37V36M)



2-2. CHASSIS ASSY REMOVAL

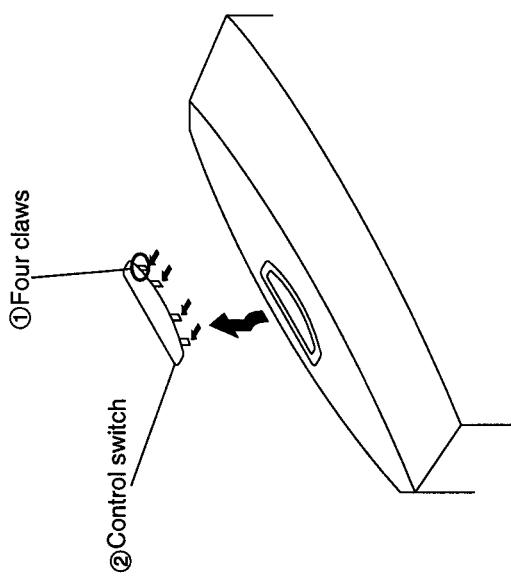
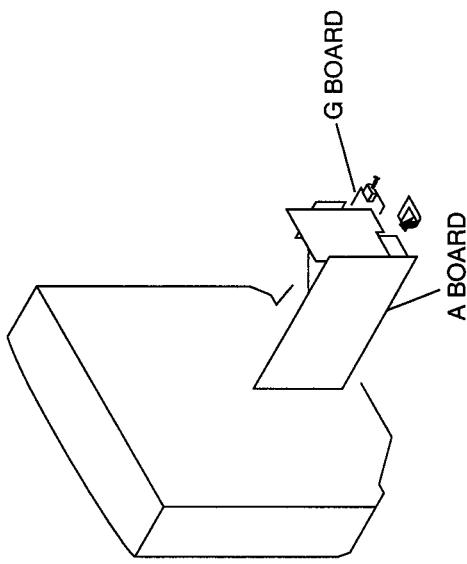


2-3. CABINET BASE REMOVAL (KV-35V76)



2-4. SERVICE POSITION

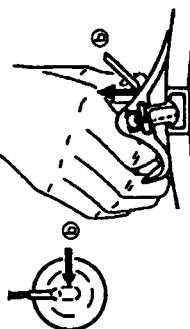
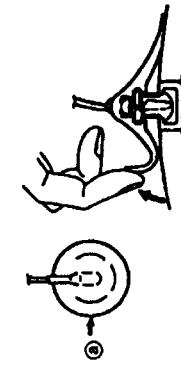
2-5. CONTROL SWITCH REMOVAL



• REMOVAL OF THE ANODE-CAP

NOTE: Short circuit the anode of the picture tube and the anode cap to the metal chassis, CRT shield or carbon painted on the CRT, after removing the anode.

• REMOVAL PROCEDURES



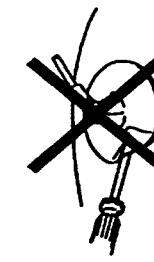
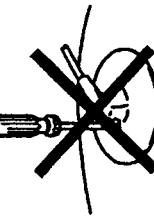
- ① Turn up one side of the rubber cap in the direction indicated by arrow ①.

- ② Use your thumb to pull the rubber cap firmly in the direction indicated by arrow ②.

- ③ When one side of the rubber cap separates from the anode button, the anode-cap can be removed by turning the rubber cap and pulling it in the direction of arrow ③.

• HOW TO HANDLE AN ANODE-CAP

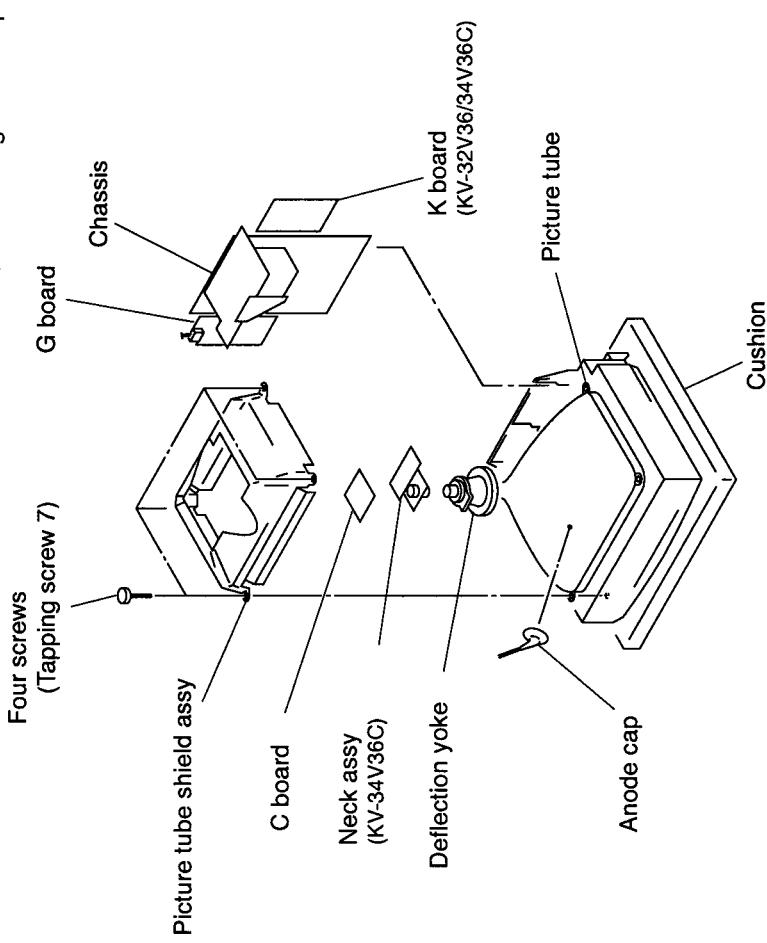
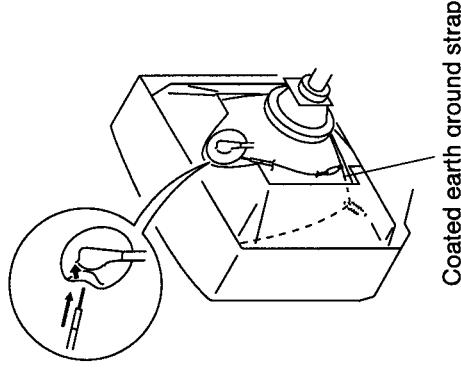
- ① Do not use sharp objects which may cause damage to the surface of the anode-cap.
- ② Do not squeeze the rubber covering too hard to avoid damaging the anode-cap. A material fitting called a shatter-hook terminal is built into the rubber.
- ③ Do not force turn the foot of the rubber cover. This may cause the shatter-hook terminal to protrude and damage the rubber.



2-6-1. PICTURE TUBE REMOVAL (KV-32V26/32V36/34V36C)

WARNING : Before removing anode cap, make certain the H.V. remains in the CRT even after the power is disconnected.

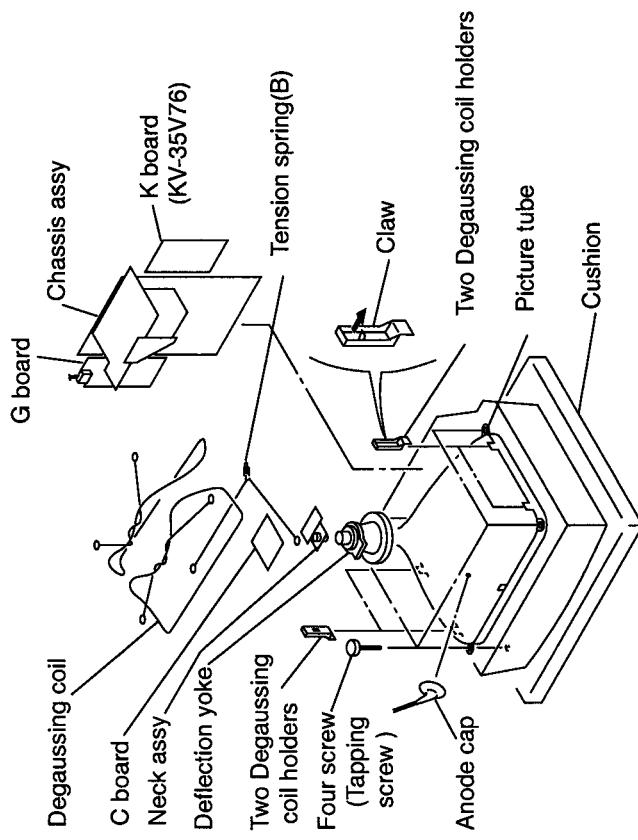
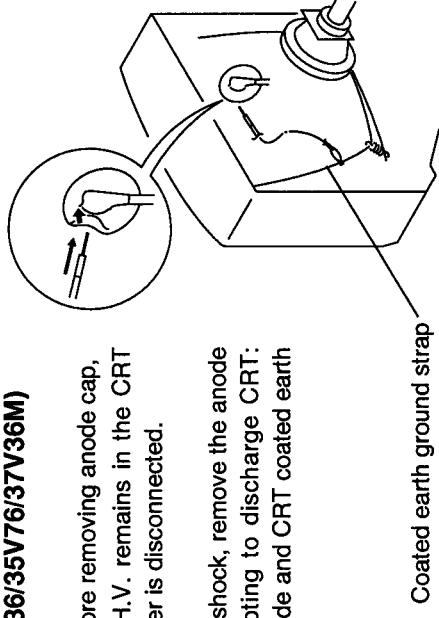
To avoid electrical shock, remove the anode cap before attempting to discharge CRT: Short between anode and CRT coated earth ground strap.



2-6-2. PICTURE TUBE REMOVAL (KV-35V36/35V76/37V36M)

WARNING : Before removing anode cap, make certain the H.V. remains in the CRT even after the power is disconnected.

To avoid electrical shock, remove the anode cap before attempting to discharge CRT: Short between anode and CRT coated earth ground strap.

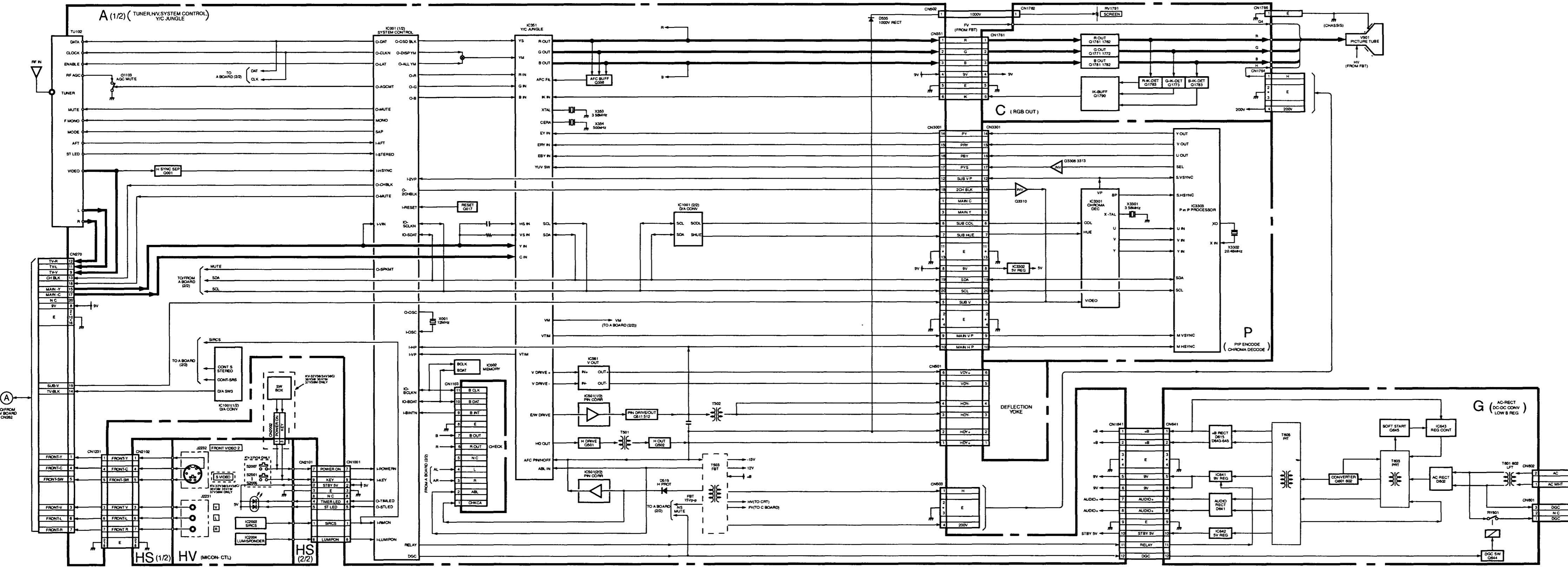


SECTION 3 SAFETY RELATED ADJUSTMENTS

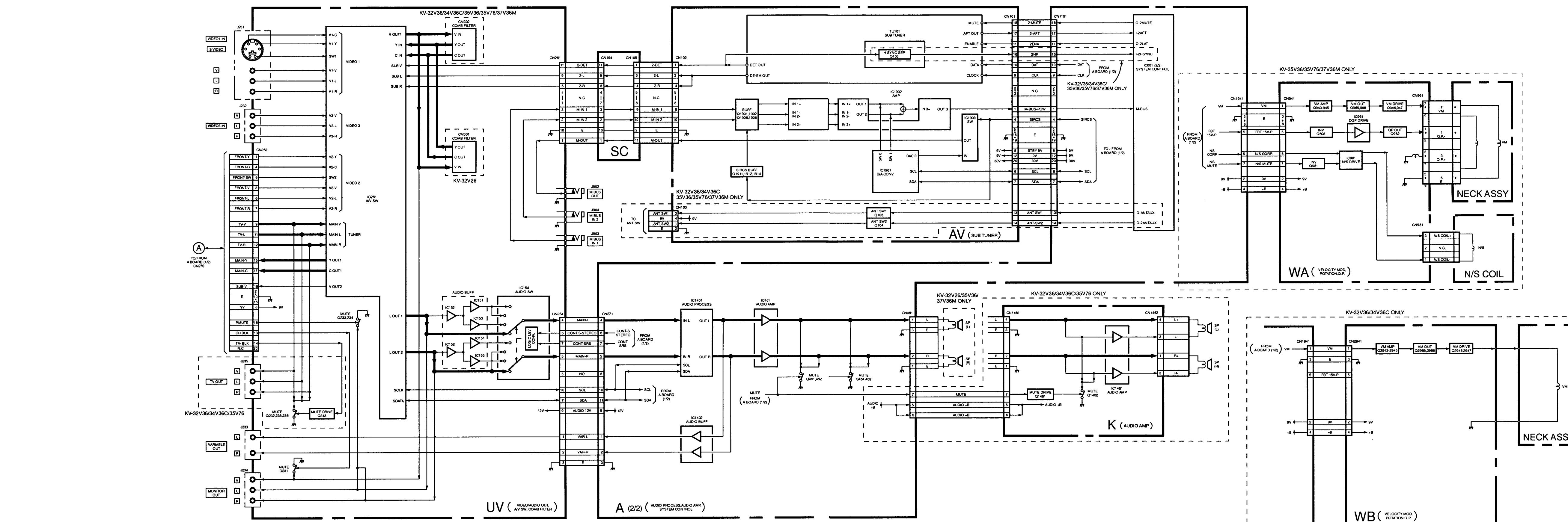
ADJUSTMENT ITEM AND PROCEDURE	EQUIPMENT AND SIGNAL	MEASUREMENT POSITION	ADJUSTMENT LOCATION	ILLUSTRATION AND SHAPE AND NUMBER
RESISTOR CONFIRMATION METHOD (HOLD-DOWN CONFIRMATION) AND READJUSTMENTS		marked parts A Board IC351,JC501 D519,DS20,D521, CS31,C532,R387, R529,R530,R531 R332,R533,R550,T503 G Board IC643, R661	TP85,531	A BOARD - CONDUCTOR SIDE - digital multimeter
The following adjustments should always be performed when replacing the components marked with █ on the A and G Board schematic diagrams. (Hold-down operation confirmation)				
Step 1 Preparation before confirmation: a) Turn the POWER switch ON, input a white signal and set the PICTURE and BRIGHTNESS controls to maximum.		White Picture	TP85 (H. PROT)	PICTURE BRIGHTNESSmaximum }
b) Confirm that the voltage at the check terminal of TP85 is more than 18.0 VDC when the set is operating normally. $(120 \pm 2.0 \text{ VAC})$ or $(220 \pm 2.0 \text{ VAC}$ for KV-34V36C)	Digital multimeter			[Check Condition] Step 2 $2160 \pm 100 \mu\text{A}$ $120^{+20}_{-0} \text{ VAC}$ (Power Supply) $220^{+20}_{-0} \text{ VAC}$ (Power Supply) (KV-34V36C only)
Step 2 Input a white signal and verify that IABL is within the specified range.	White Picture			[Check Condition] Step 2 $2160 \pm 100 \mu\text{A}$ $120^{+20}_{-0} \text{ VAC}$ (Power Supply) $220^{+20}_{-0} \text{ VAC}$ (Power Supply) (KV-34V36C only)
Step 3 Record the voltage between TP85 and ground.				[Check Condition] Step 4 lower than 22.05 V DC
Step 4 Using an external DC power supply, apply voltage between TP 85 and ground. Increase the voltage gradually and confirm that the hold-down works (raster disappears) at lower than the voltage recorded in Step 3.				$120^{+20}_{-0} \text{ VAC}$ (Power Supply) $220^{+20}_{-0} \text{ VAC}$ (Power Supply) (KV-34V36C only)
Step 5 Confirm that a voltage of more than 18.0 VDC appears between TP85 and ground.	White Picture			[Check Condition] Step 5 more than 18.0 V DC $120^{+20}_{-0} \text{ VAC}$ (Power Supply) $220^{+20}_{-0} \text{ VAC}$ (Power Supply) (KV-34V36C only)

ADJUSTMENT ITEM AND PROCEDURE	EQUIPMENT AND SIGNAL	MEASUREMENT POSITION	ADJUSTMENT LOCATION	ILLUSTRATION AND SHAPE AND NUMBER
B+ VOLTAGE CONFIRMATION The following adjustments should always be performed when replacing the components marked with <input checked="" type="checkbox"/> on the schematic.	Variable auto-transformer Monoscope	G_Board IC643, R661 PICTURE, BRIGHTNESS initial reset	130 -^{+2}_0 V AC 220 -^{+2}_0 V AC (KV-34V36C only) G Board CN641 Pin 1 - ground	

4-1. BLOCK DIAGRAM

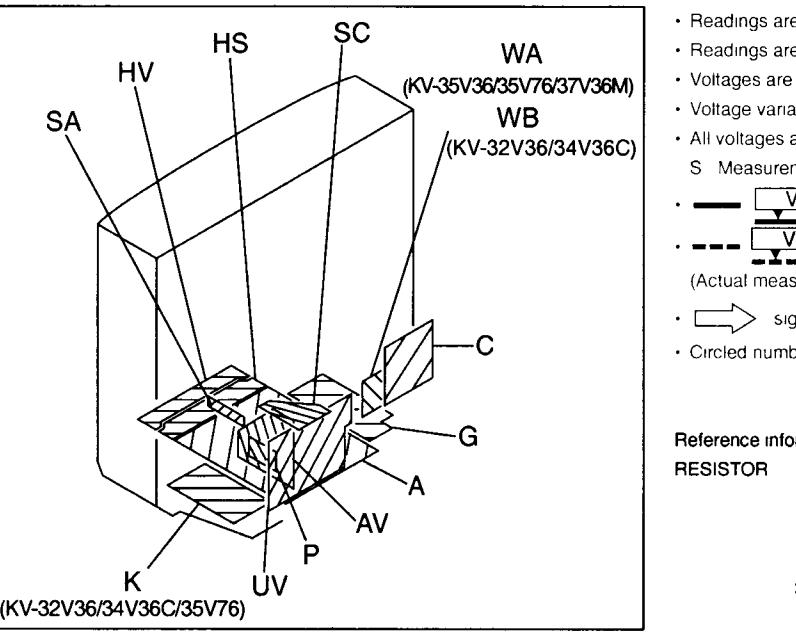


4-2. FRAME SCHEMATIC DIAGRAM



SECTION 4 DIAGRAMS (continued)

4-3. CIRCUIT BOARDS LOCATION



- Readings are taken with a color-bar signal input
- Readings are taken with a 10MΩ digital multimeter
- Voltages are DC with respect to ground unless otherwise noted
- Voltage variations may be noted due to normal production tolerances
- All voltages are in V
- S Measurement impossibility
- B-line
- B-line
- (Actual measured value may be different)
- Signal path (RF)
- Circled numbers are waveform references

4-4. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS

- Note:
 All capacitors are in μ F unless otherwise noted pF μ F 50W or less are not indicated except for electrolytics and tantalums.
 All electrolytics are in 50V unless otherwise specified
 All resistors are in ohms
 $k\Omega = 1000\Omega$, $M\Omega = 1000k\Omega$
 Indication of resistance, which does not have one for rating electrical power, is as follows
 Pitch : 5mm
 Rating electrical power : $1/4$ W
 $1/4$ W in resistance, $1/4$ W and $1/4$ W in chip resistance
 \square nonflammable resistor
 \square fusible resistor
 \triangle internal component
 panel designation and adjustment for repair
 All variable and adjustable resistors have characteristic curve B, unless otherwise noted
 The components identified by \blacksquare in this basic schematic diagram have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation
 Should replacement be required, replace only with the value originally used
 When replacing components identified by \blacksquare , make the necessary adjustments indicated. If results do not meet the specified value, change the component identified by \blacksquare and repeat the adjustment until the specified value is achieved
 (Refer to R530 and R531 adjustment on Page 15 - 16)
 When replacing the part in below table, be sure to perform the related adjustment

Part replaced (■)	Adjustment (■)
IC351, IC501, D519, D520, D521	R530, R531
C531, C532, R387, R529, R530, R531,	
R532, R333R550, T503.....A BOARD	
IC643, R661.....G BOARD	

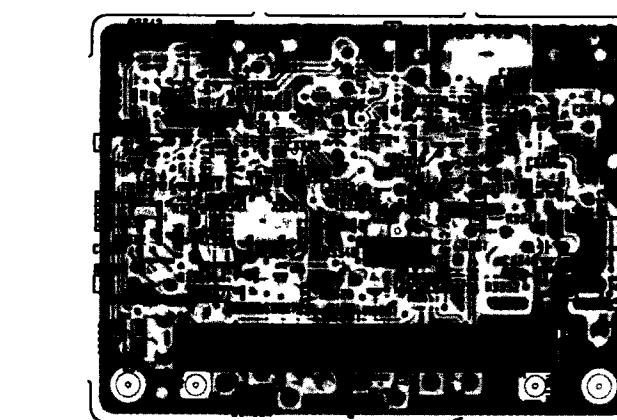
pin	volt	pin	volt	pin	volt
1	GND	20	3.0	13	NC
2	NC	21	3.0	14	-3.0
3	GND	22	4.7	15	GND
4	4.0	23	GND	16	GND
5	6.8	24	2.9	17	0.7
6	GND	25	0.5	18	0.5
7	0.2	26	0.3	19	0.2
8	0	27	5.1	20	0.3
9	1.8	28	5.2	21	5.1
10	0.3	29	5.2	22	5.2
11	8.2	30	5.2	23	NC
12	8.2	31	5.2	24	NC
13	3.9	32	5.2	25	GND
14	3.4	33	0.5	26	NC
15	0	34	0	27	GND
16	2.8	35	0.6	28	0.5
17	NC	36	0.5	29	0.5
18	2.5	37	0.2	30	2.6
19	3.5	38	0.3	31	4.2
		39	0.4	32	2.5

P

[P in P]

— P BOARD —

< COMPONENT SIDE >



P BOARD WAVEFORMS


P BOARD IC VOLTAGE LIST

IC3301	1	GND	20	3.0	13	NC
	2	NC	21	3.0	14	-3.0
	3	GND	22	4.7	15	GND
	4	4.0	23	GND	16	GND
	5	6.8	24	2.9	17	0.7
	6	GND	25	0.5	18	0.5
	7	0.2	26	0.3	19	0.2
	8	0	27	5.1	20	0.3
	9	1.8	28	5.2	21	5.1
	10	0.3	29	5.2	22	5.2
	11	8.2	30	5.2	23	NC
	12	8.2	31	5.2	24	NC
	13	3.9	32	5.2	25	GND
	14	3.4	33	0.5	26	NC
	15	0	34	0	27	GND
	16	2.8	35	0.6	28	0.5
	17	NC	36	0.5	29	0.5
	18	2.5	37	0.2	30	2.6
	19	3.5	38	0.3	31	4.2
		39	0.4	32	2.5	

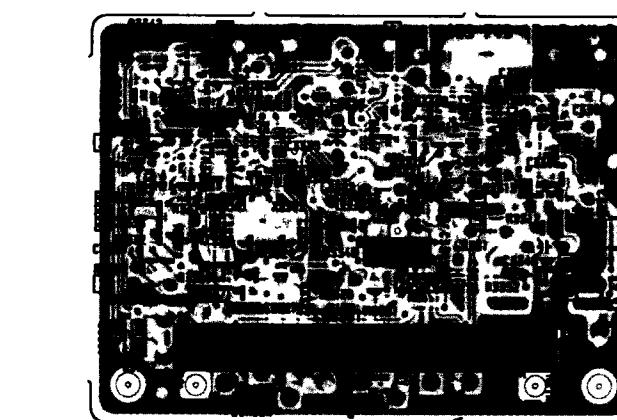
P BOARD TRANSISTOR VOLTAGE LIST

Q3301	B	C	E
O3301	5.3	9.1	4.7
O3305	0.5	GND	1.2
O3306	0.8	GND	1.4
O3307	0.6	GND	1.3
O3308	0	GND	2.8
O3310	0	5.2	GND
O3312	0	0	0.8
O3313	0.8	0.4	GND

All voltages are in V

P BOARD —

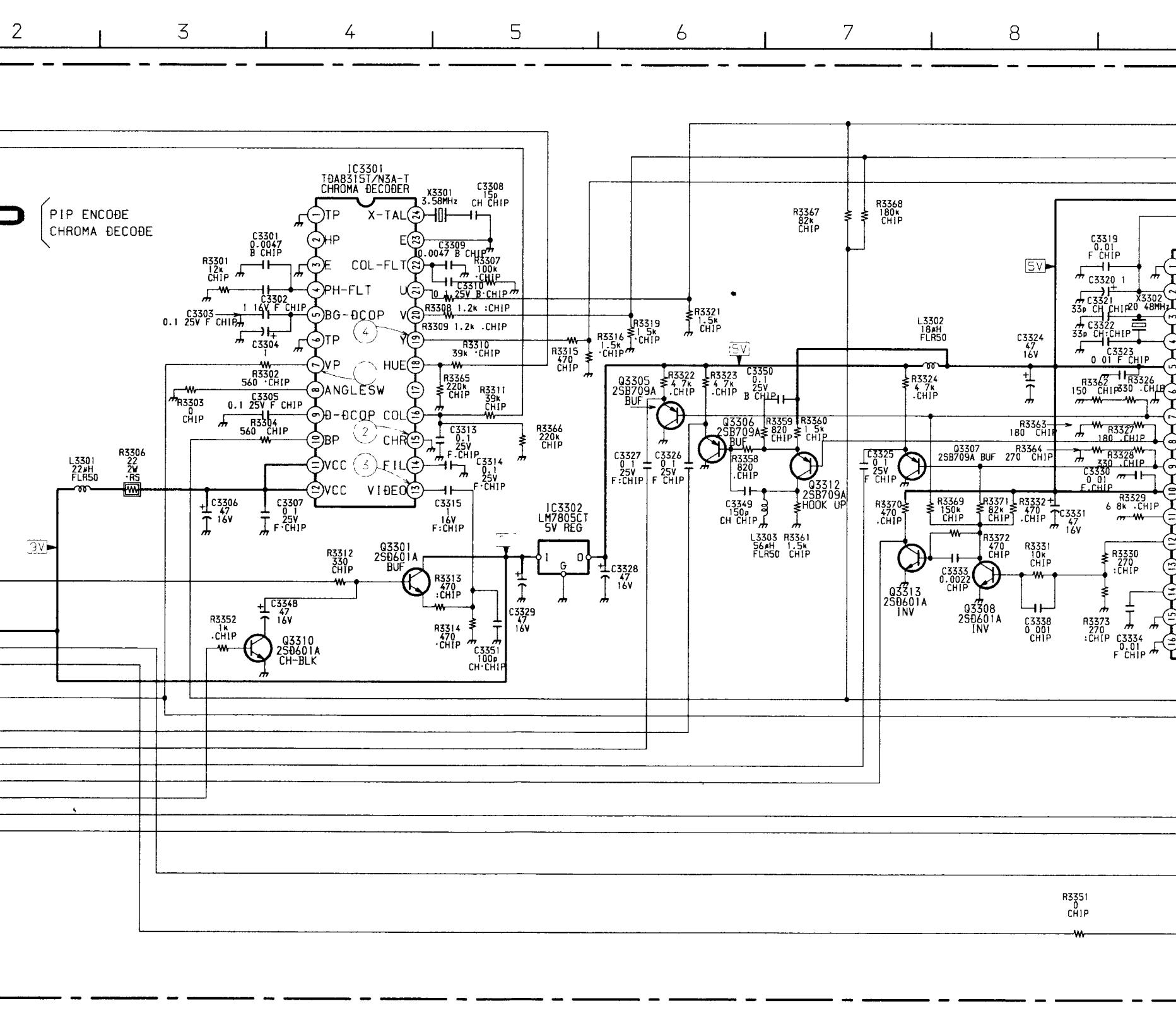
< CONDUCTOR SIDE >



Note:

The symbol \blacksquare display is on the component side.The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.The symbol \blacksquare indicate fast operating fuse. Replace only with fuse of same rating as marked.

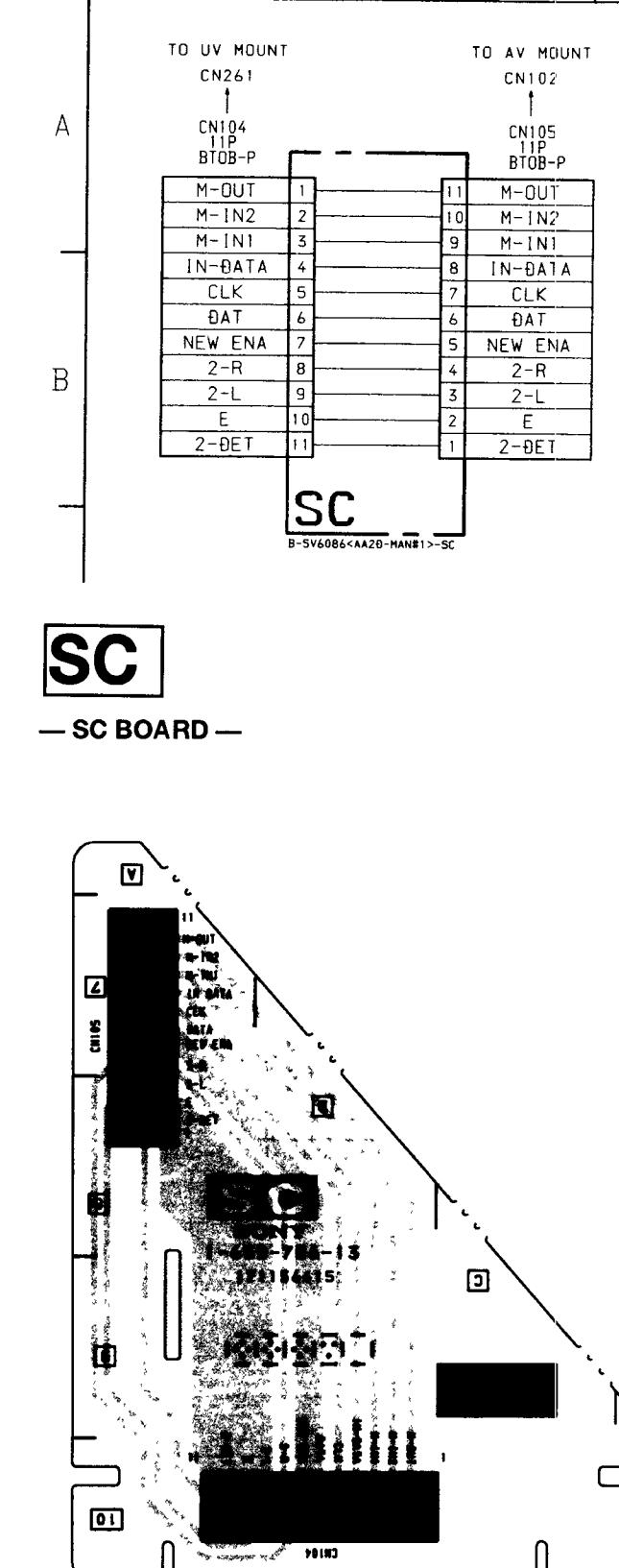
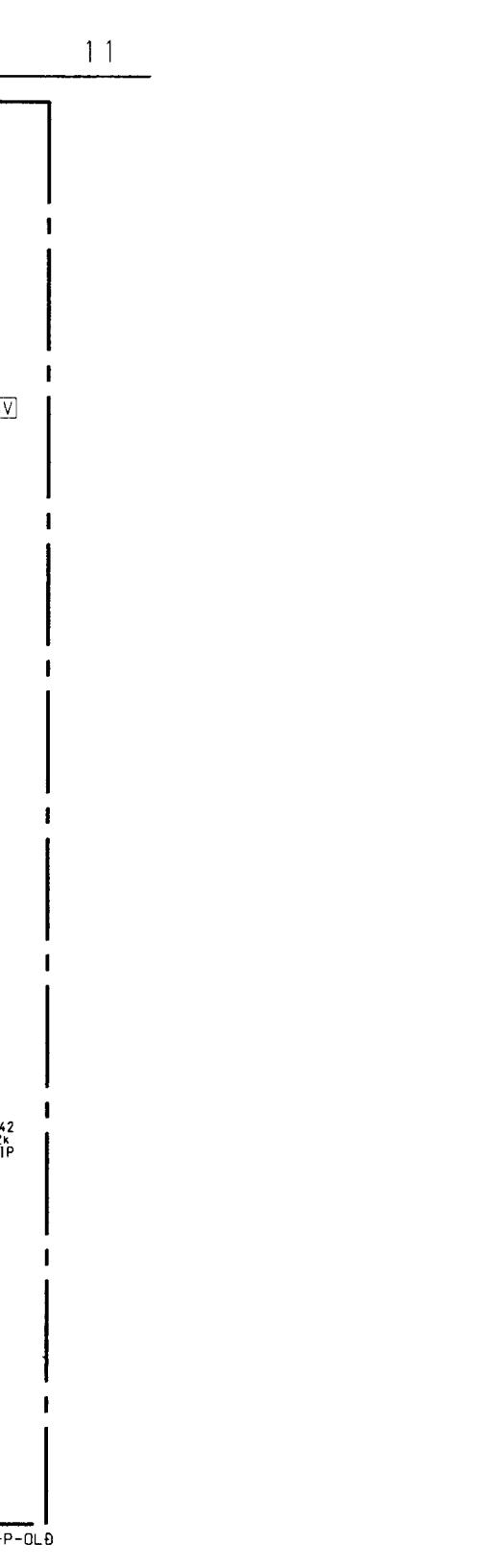
Note:

Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.Le symbole \blacksquare indique une fusible à action rapide. Doit être remplacée par une fusible de même valeur, comme marqué

B-SV6086-AA20-MAN#1>-P-0L0

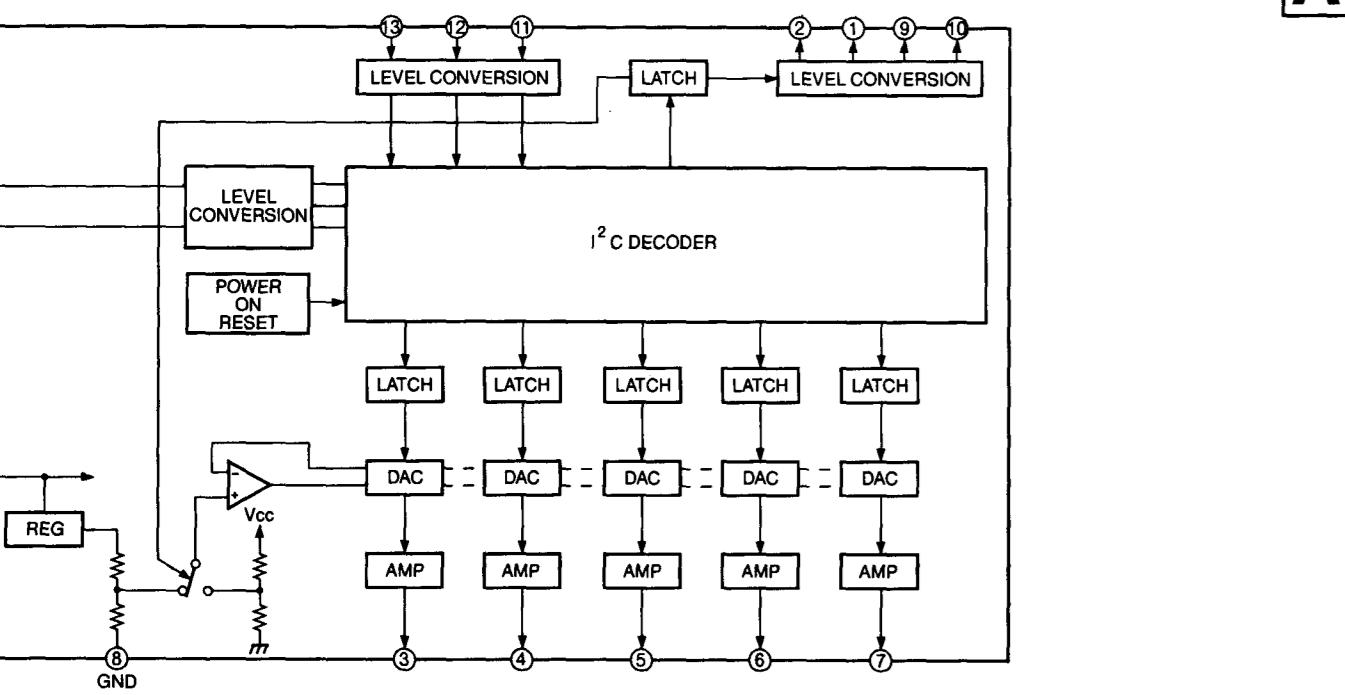
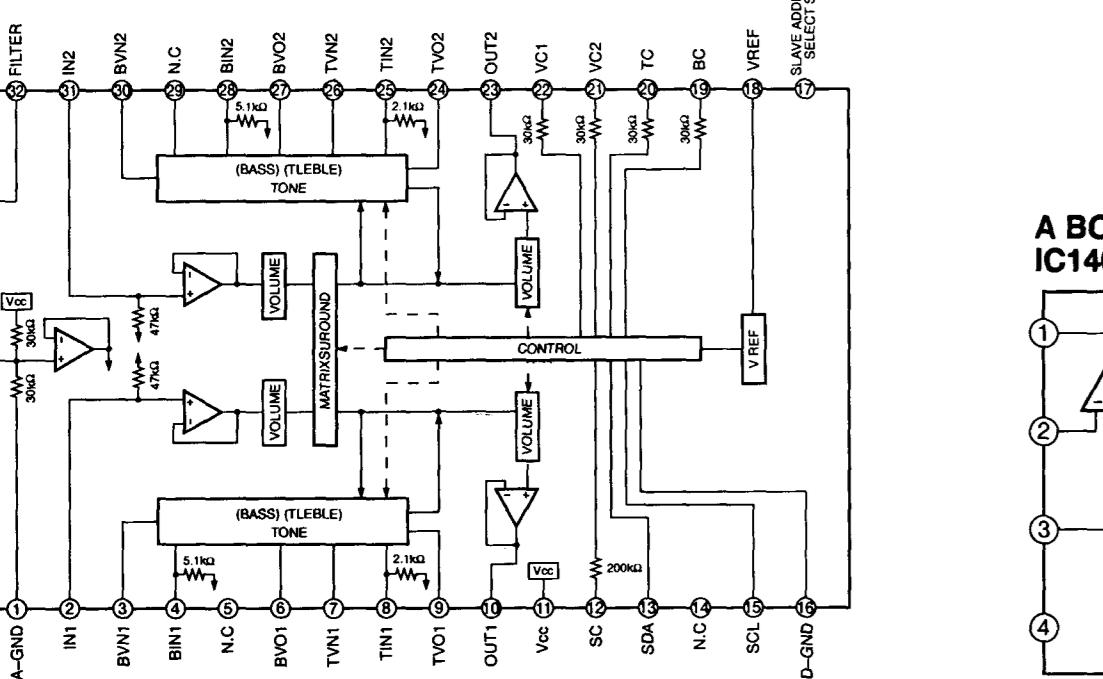
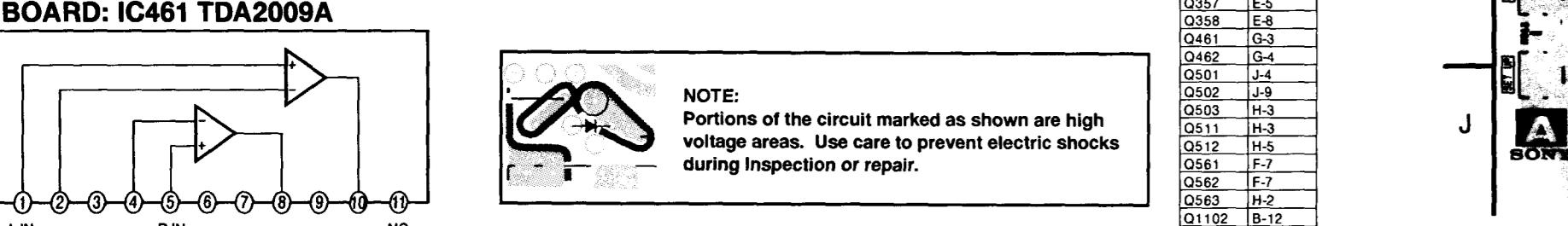
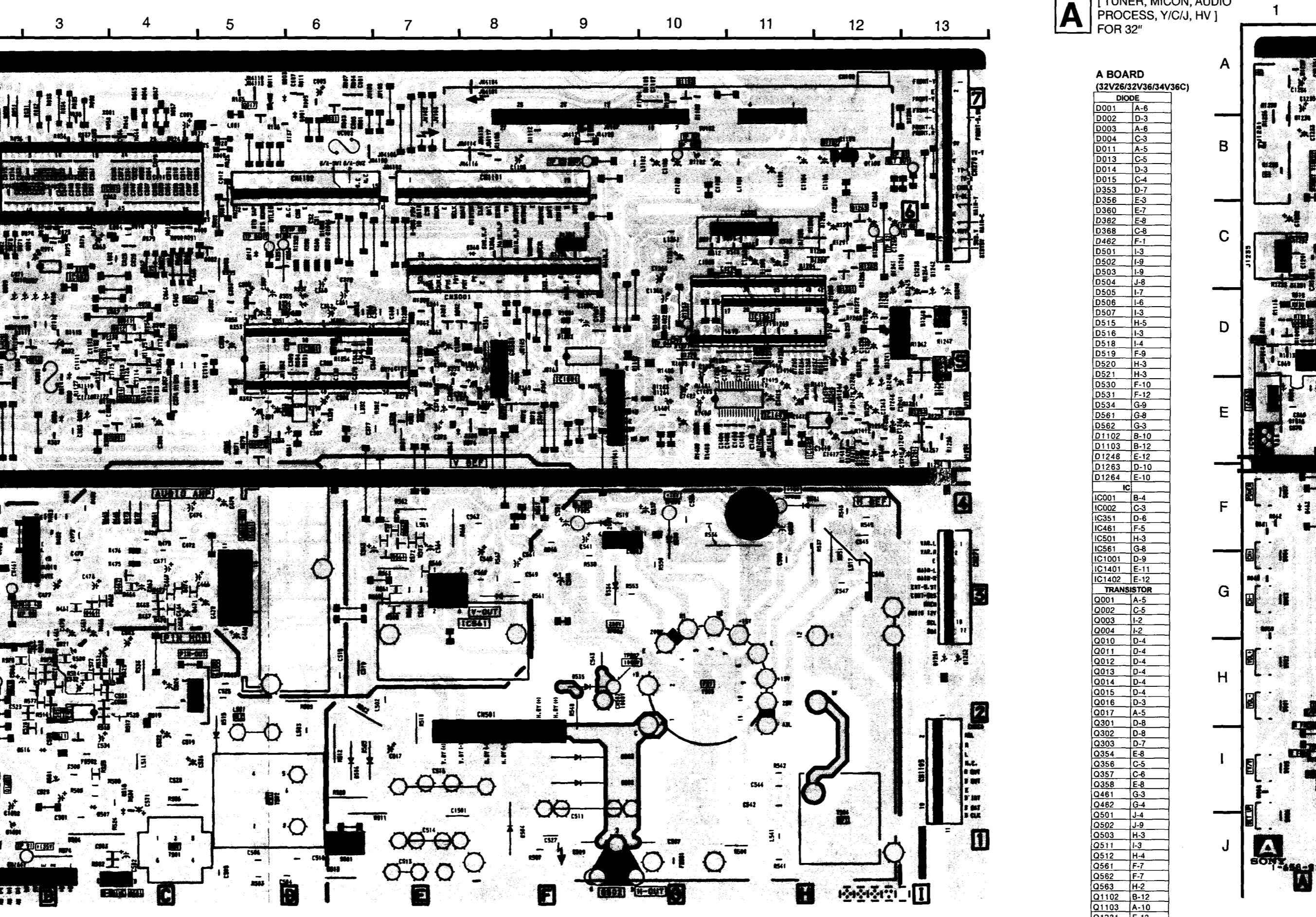
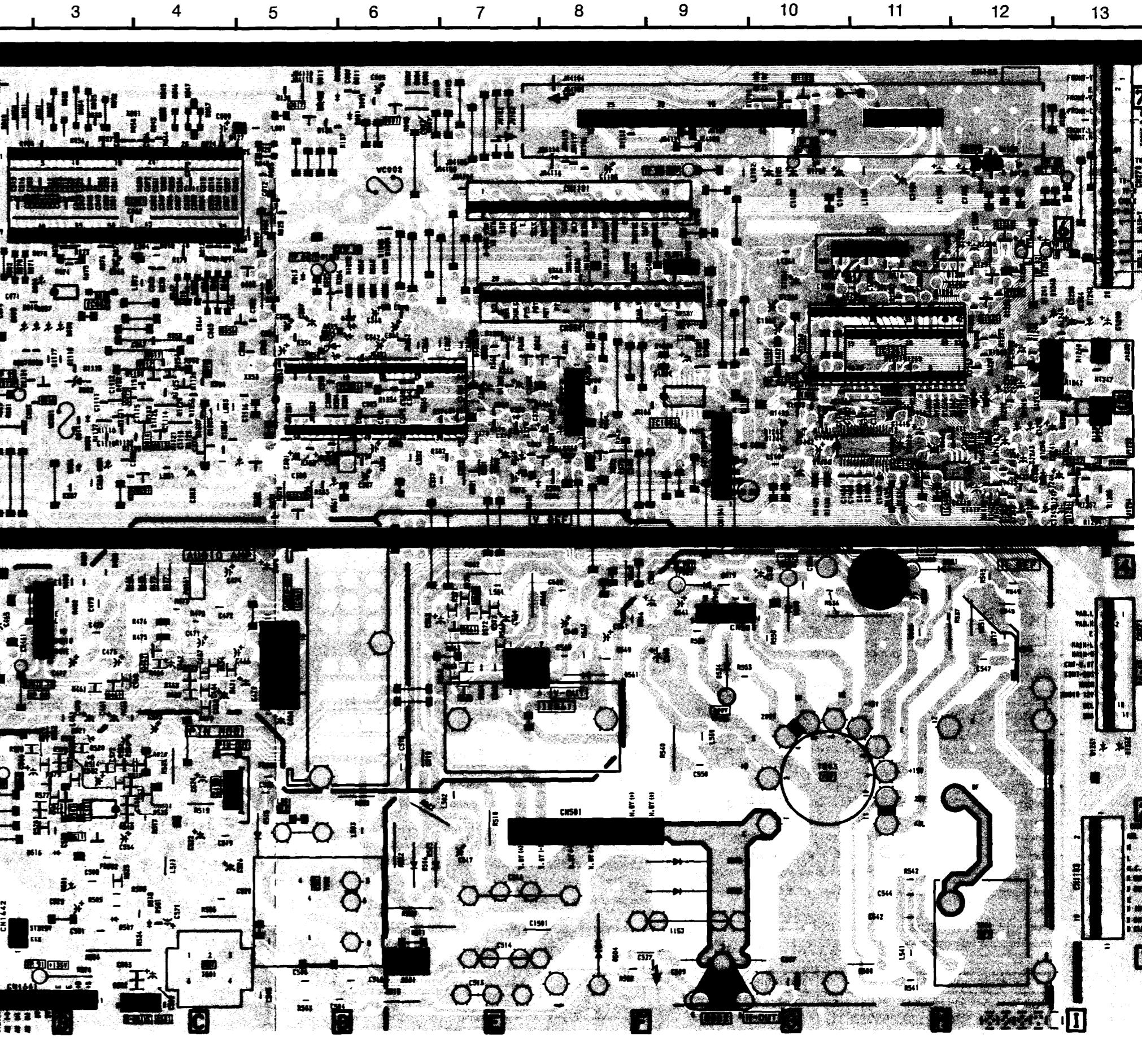
Schematic diagrams

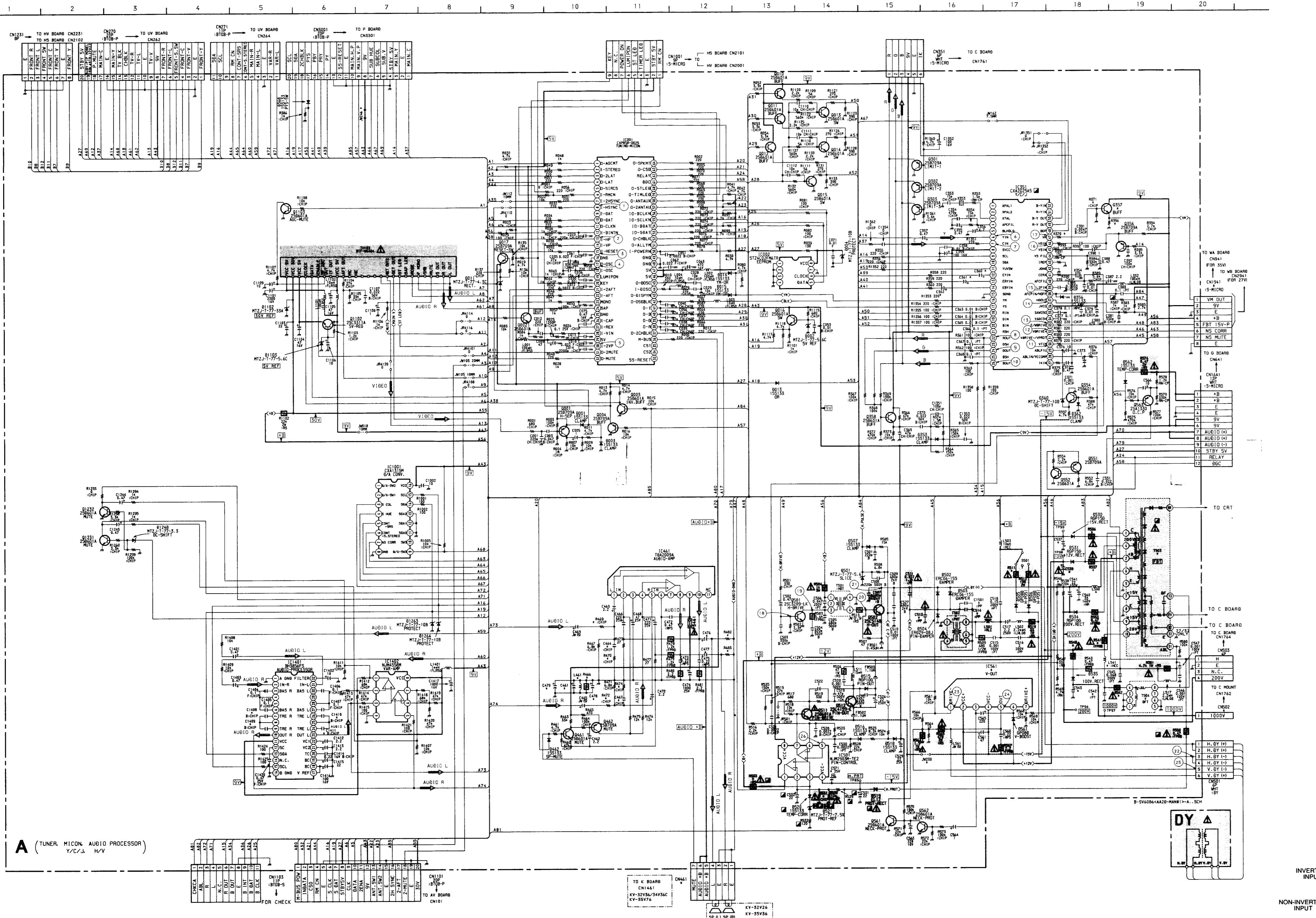
P board A board



B-SV6086-AA20-MAN#1>-SC-0L0

— 29 —

A BOARD: IC1001 CXA1315M**A BOARD: IC1401 BH3856FS****A BOARD: IC1402 NJM4558M****— A BOARD (35") —****— A BOARD (32") —**



A (TUNER, MICON, AUDIO PROCESSOR
Y/C/+ H/V

ARD * MARK LIST				
	KV-32V26	KV-32V36/ 34V36C	KV-35V36/ 37V36M	KV-35V76
1	10	33/25V	10	10
4	#	0.0047	#	#
7	#	0.0047	#	#
6	1000/25V	JW (5)	1000/25V	JW (5)
7	1000/25V	JW (5)	1000/25V	JW (5)
8	#	220/16V	22	220 16V
9	#	#	2.2	10
3	.056/400V	.056/400V	.033/630V	.033/630V
4	.62/200V	.62/200V	.82/200V	.82/200V
7	470/25V	470/25V	1000/25V	1000/25V
9	470/16V	470/16V	1000/25V	1000/25V
2	#	#	.047/200V	.047/200V
3	#	#	220p/2kV	220p/2kV
1	47	47	#	#
08	0.022	0.033	0.022	0.022
09	0.022	0.033	0.022	0.022
10	0.022	0.033	0.022	0.022
11	0.022	0.033	0.022	0.022
01	.12/200V	.12/200V	#	#
61	4P	7P	4P	7P
02	#	#	1P	1P
41	#	5P	8P	8P
5	#	#	RGP02-17	RGP02-17
61	TDA8172	TDA8172	STV9379	STV9379
01	0	0	#	#
33	12.5MM	12.5MM	#	#
46	5MM	5MM	#	#
1	15uH	56uH	220uH	180uH
0	JW(5)	JW(5)	#	#
1	#	#	10mH	10mH
7	#	2SD601A	2SD601A	2SD601A
0	#	1k	1k	1k
1	#	1.5k	1.5k	1.5k
6	#	1k	1k	1k
6	2.2	2.2	#	#
9	1.8k	5.6k	2.2k	5.6k
0	#	15k	#	#
2	1.8k	5.6k	2.2k	5.6k
4	#	15k	#	#
2	2.2k	#	2.2k	#
3	2.2k	#	2.2k	#
1	68/2W	68/2W	100/2W	100/2W
3	10k	10k	8.2k	8.2k
9	22k	22k	18k	18k
1	68k	68k	220k	220k
3	47k	47k	33k	33k
6	.47/.5W	.47/.5W	4.7/3W	4.7/3W
7	.47/.5W	.47/.5W	18/3W	18/3W
1	#	#	0.47	0.47
2	#	#	22	22
6	22k	22k	18k	18k
8	#	#	3.3k/1W	3.3k/1W
2	400UH	400UH	500UH	500UH
3	NX-A2609	NX-A2609	NX-3001	NX-3001
4	#	#	DFT	DFT

#. NOT MOUNTED

ges are in V

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IC VOLTAGE LIST										
n	volt	pin	volt	pin	volt	pin	volt	pin	volt	
	0	52	0	31	3.1	6	0.6			
	0	53	4.9	32	3.2	7	3.8			
	0	54	4.9	33	3.7	8	GND			
	0	55	4.9	34	4.5	9	0			
	0	56	5.0	35	4.8	10	0			
	5.0	57	5.0	36	8.7	11	GND			
	0	58	0	37	3.4	12	GND			
	0	59	3.7	38	3.6	13	GND			
	0.8	60	0.5	39	4.1	14	5			
	0	61	0	40	4.3	15	5			
	1	62	4.8	41	2.5	16	8.7			
	2	63	0	42	GND	1	GND			
	3	64	4.6	43	2.8	2	4.3			
	4	1	GND	44	2.8	3	4.3			
	5	2	GND	45	4.1	4	4.3			
	6	3	GND	46	3.3	5	0			
	7	4	GND	47	6.0	6	4.3			
	*	5	5.0	48	0.4	7	4.3			
	9	6	5.0	49	0	8	4.4			
	0	7	GND	50	0	9	4.4			
	1	8	5.0	IC461		10	4.4			
	2	2	IC351	1	NC	2	3.5	11	8.7	
	3	0		2	NC	3	12.2	12	3.8	
	4	0		3	2.2	4	3.5	13	4.9	
	5	GND		4	5.9	5	1.5	14	0	
	6	0		5	4.1	6	0	15	5	
	7	1.6		6	4.6	7	0	16	0	
	8	5		7	4.3	8	0.3	17	4	
	9	0.2		8	9.2	9	22.1	18	4	
	0	0		9	5.2	10	0.3	19	2	
	1	0		10	5.2	11	0	20	2	
	2	0		11	0.3	IC501	1	3.4	21	0
	3	0		12	6.6		2	7.9	22	0
	4	0		13	6.3		3	8.3	23	4.3
	5	0		14	6.3		4	-16.5	24	4.3
	6	0		15	GND		5	2.3	25	4.3
	7	0		16	0		6	2.8	26	4.3
	8	0		17	0		7	-16.3	27	4.3
	9	0		18	5.2		8	12.6	28	4.3
	0	0		19	5.2	IC561	1	1.6	29	0
	1	0		20	5.2		2	12.6	30	4.3
	2	0		21	4.0		3	-14.5	31	4.3
	3	0		22	2.2		4	-16.6	32	5.6
	4	3.0		23	5.1		5	0.0	1	4.2
	5	3.0		24	1.8		6	13.4	2	4.3
	6	5.0		25	4.5		7	1.6	3	4.3
	7	5.0		26	2.3	IC1001	1	0.0	4	GND
	8	GND		27	4.7		2	0.0	5	4.3
	9	GND		28	1.7		3	3.2	6	4.3
	0	5.0		29	6.8		4	2.8	7	4.3
	1	0		30	0.7		5	0.5	8	8.7

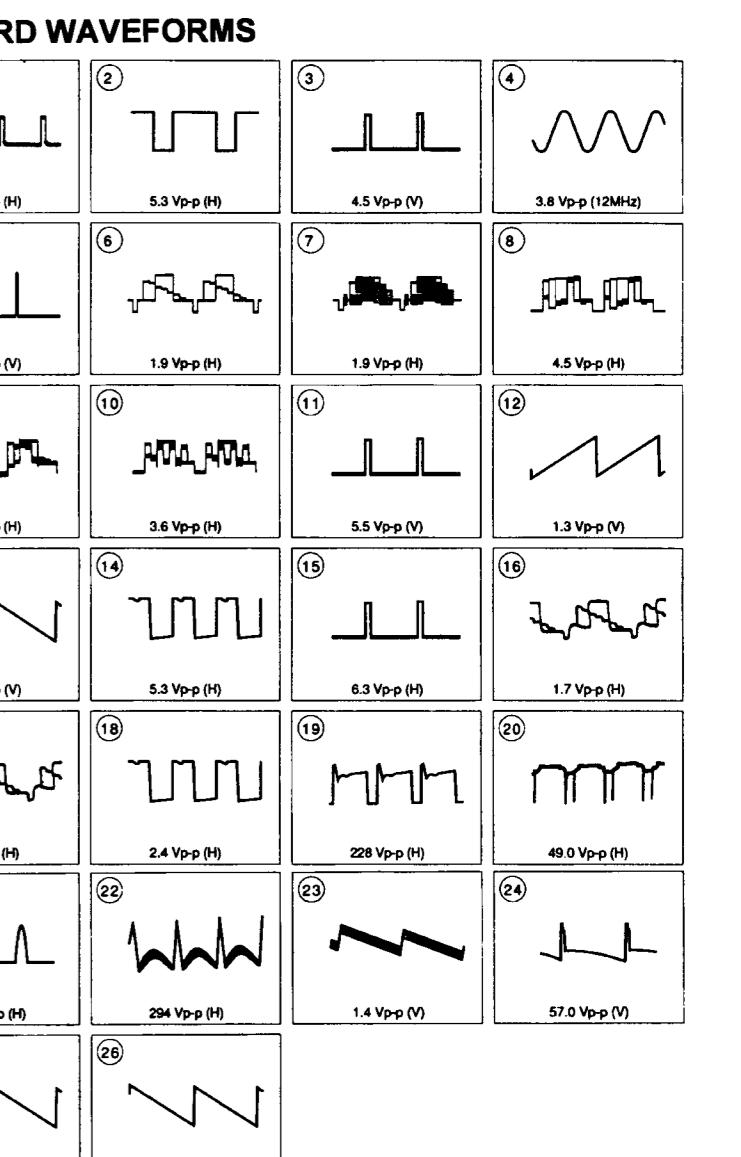
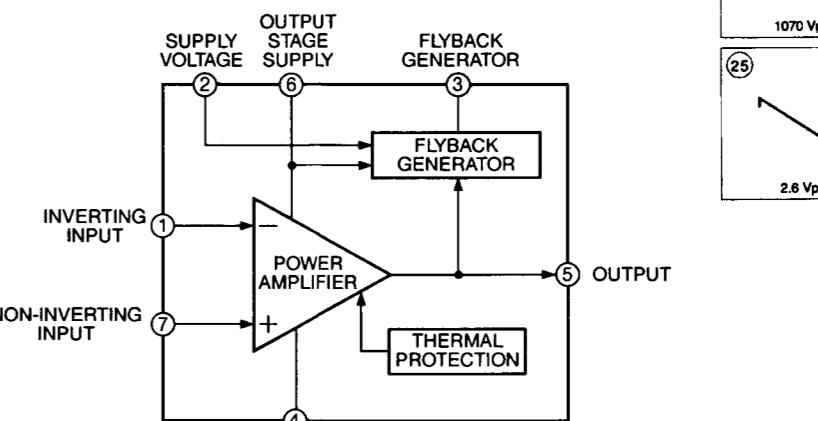
ges are in V

BOARD TRANSISTOR PAGE LIST

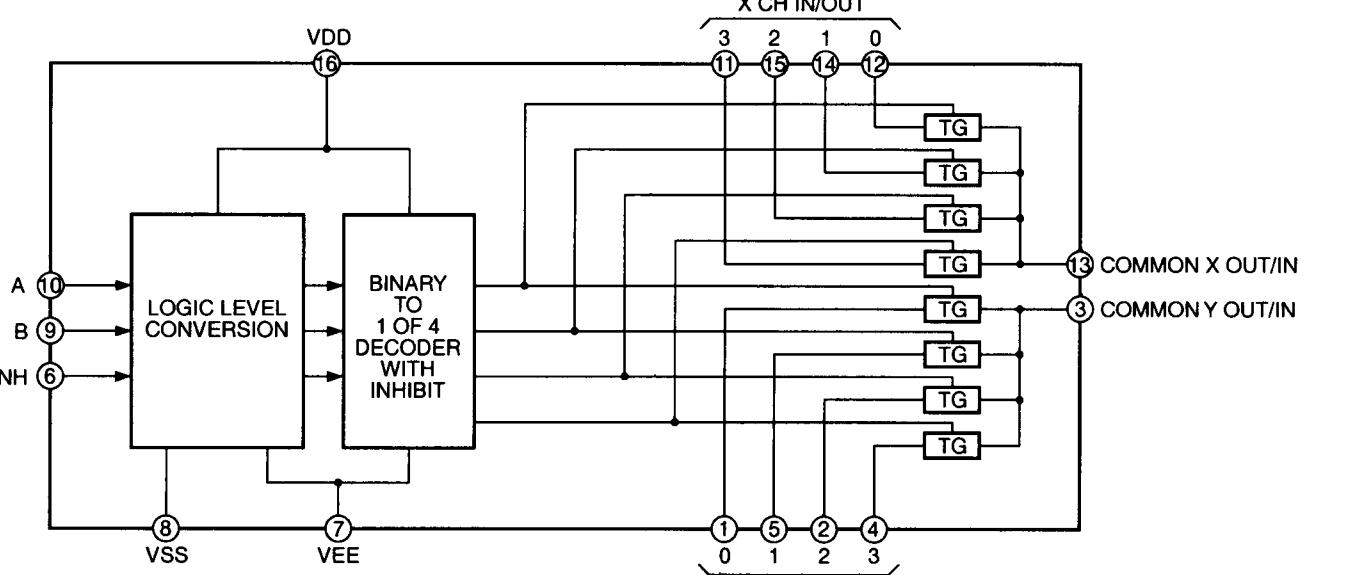
	B	C	E
01	5.2	0.9	5.0
02	4.8	5.0	4.1
03	-0.4	4.2	GND
04	0.8	GND	1.3
10	0	8.7	0
11	0	8.7	0
12	0	8.7	0
13	-0.2	0	GND
14	-0.2	0	GND
15	-0.2	0	GND
16	5.8	8.7	5.1
17	4.4	5.0	5.0
01	4.0	GND	2.2
02	4.0	GND	1.8
03	4.0	GND	2.0
54	0.2	GND	-0.5
65	4.9	GND	5.6
57	3.6	8.7	0
58	1.9	8.7	2.0
61	0.8	0	0
62	20.0	20.6	20.7
601	-0.7	105.6	GND
602	-0.4	136.1	0
603	0	8.3	GND
511	-16.3	-13.0	-16.5
512	-16.9	19.1	-16
563	134.3	0.4	134.9
102	6.0	9.2	5.3
103	0	2.5	GND
231	0	0	GND
232	0	0	GND

All voltages are in V

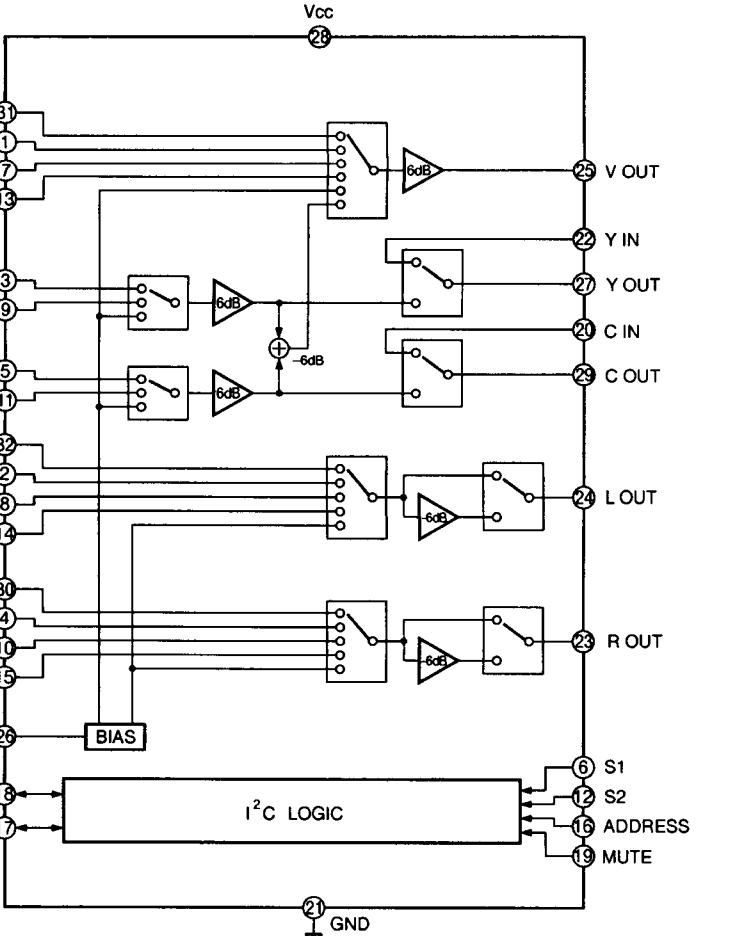
A BOARD: IC561 STV9379



UV BOARD: IC154 CD4052BCN



UV BOARD IC261MM1311AD



UV BOARD TRANSISTOR VOLTAGE LIST

	B	C	E
Q231	0	5.7	GND
Q232	0.2	4.9	GND
Q233	0	0	GND
Q234	0	0	GND
Q235	0	0	GND
Q236	0	0	GND
Q237	5.0	GND	5.7
Q238	4.1	GND	4.7
Q239	4.1	GND	4.7
Q240	4.4	GND	5.0
Q241	4.4	GND	5.0
Q242	4.3	GND	4.9
Q243	0.2	GND	0.9
Q261	4.6	8.7	4.0
Q262	4.9	5.7	4.2
Q263	3.4	GND	4.1
Q265	4.3	GND	4.9

All voltages are in V

UV BOARD IC VOLTAGE LIST

pin	volt	pin	volt
IC151	1 4.4	12 4.4	
2 4.4	13 4.4		
3 4.4	14 4.4		
4 8.7	15 4.4		
5 4.4	16 8.7		
6 4.4	IC261 1 4.8		
7 4.4	2 4.2		
8 4.4	3 4.8		
9 4.4	4 4.2		
10 4.4	5 4.8		
11 GND	6 4.5		
12 4.4	7 4.8		
13 4.4	8 4.2		
14 4.4	9 4.8		
15 4.4	10 4.2		
16 4.4	11 5.0		
17 4.4	12 4.0		
18 NC	13 4.0		
19 5.0	14 4.2		
20 GND	15 0		
21 4.4	16 4.2		
22 NC	17 5.8		
23 6.7	18 NC		
24 NC	19 4.4		
25 4.2	20 4.9		
26 4.2	21 GND		
27 6.1	22 NC		
28 NC	23 4.4		
29 4.8	24 NC		
30 GND	25 4.2		
31 5.6	26 4.2		
32 4.1	27 6.1		
33 4.1	28 NC		
34 5.0	29 4.4		
35 NC	30 4.2		
36 4.2	31 4.4		
37 4.3	32 4.4		
38 8.7	33 4.1		
39 3.4	34 5.0		
40 4.2	35 NC		
41 5.2	36 4.2		
42 4.2	37 4.3		

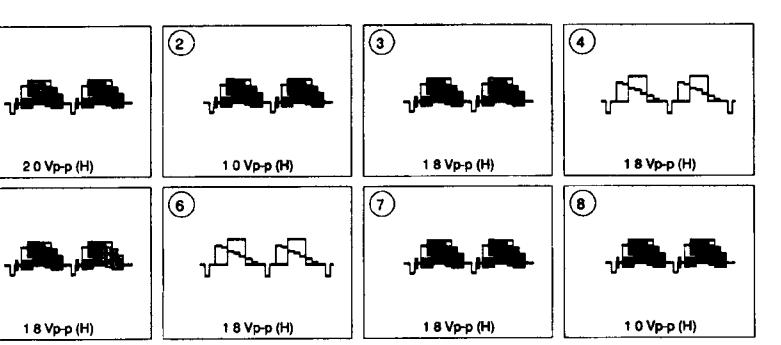
All voltages are in V

UV BOARD MARK LIST

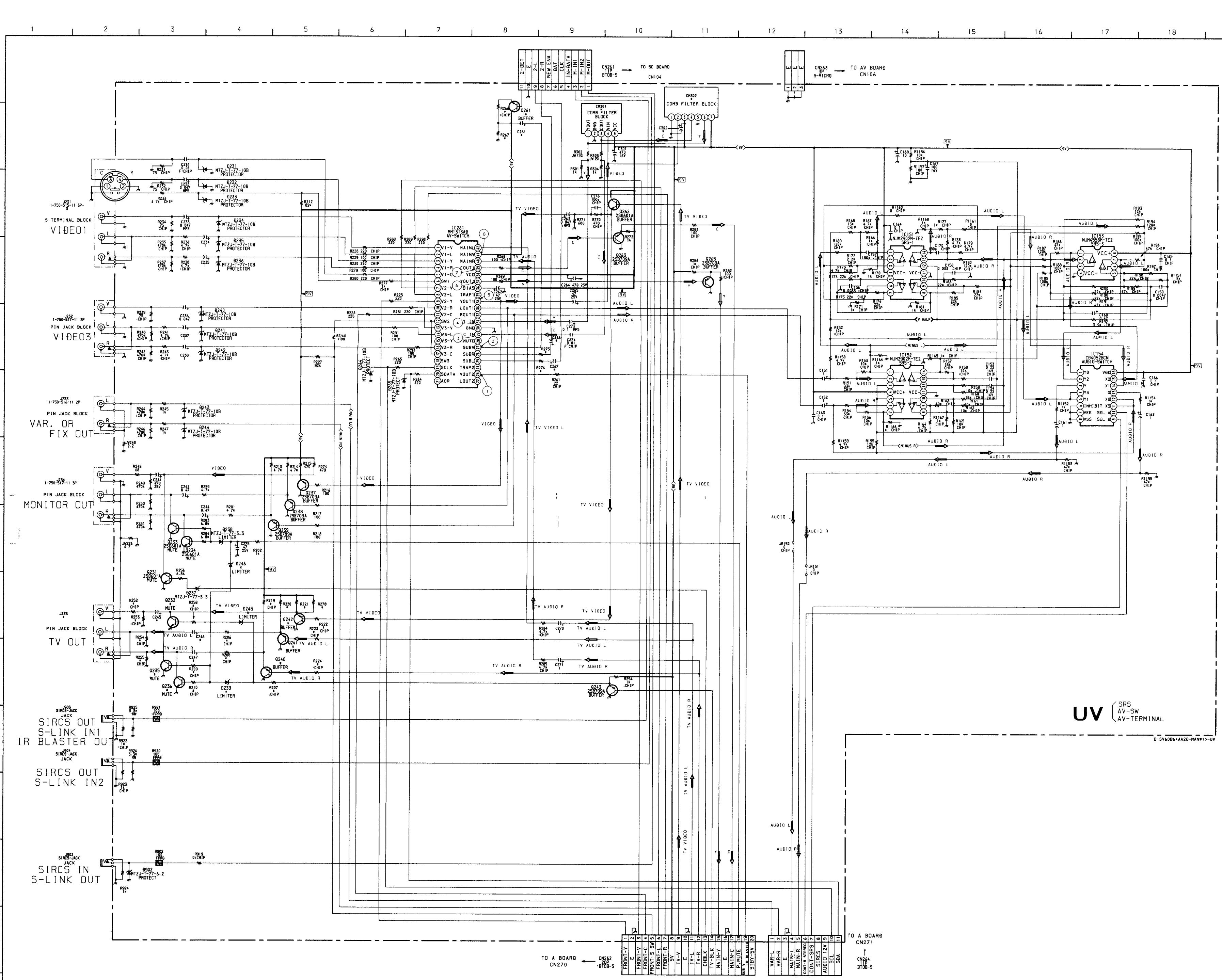
	32V26	35V36/37V36M	34V36C/32V36/35V76
C245	#	#	470 25V
C246	#	#	0.47
C247	#	#	0.47
C261	#	0.047 MPS	0.047 MPS
C266	#	1	1
C267	#	1	1
C302	#	470 16V	470 16V
CM301	1-467-554-21	#	#
CM302	#	1-467-556-11	1-467-556-11
D239	#	#	MTZ-T-77-3 3
D245	#	#	MTZ-T-77-3 3
D246	#	#	MTZ-T-77-3 3
J235	#	#	1-750-517-11 3P
Q232	#	#	2SD601A
Q235	#	#	2SD601A
Q236	#	#	2SD601A
Q240	#	#	2SB709A
Q241	#	#	2SB709A
Q242	#	#	2SB709A
Q261	#	#	2SD601A
R206	#	#	0
R207	#	#	1k
R208	#	#	6.8k
R209	#	#	4.7k
R210	#	#	8.8k
R219	#	#	4.7k
R220	#	#	4.7k
R221	#	#	470
R222	#	#	100
R223	#	#	2400.00.00
R224	#	#	100
R252	#	#	56
R253	#	#	470k
R254	#	#	470k
R255	#	#	470k
R258	#	#	6.8k
R266	#	560	560
R267	#	680	680
R275	#	4.7k	4.7k
R276	#	4.7k	4.7k
R278	#	#	470

NOT MOUNTED

UV BOARD WAVEFORMS



#



UV
SRS
AV-SW
AV-TERMINAL

Schematic diagrams

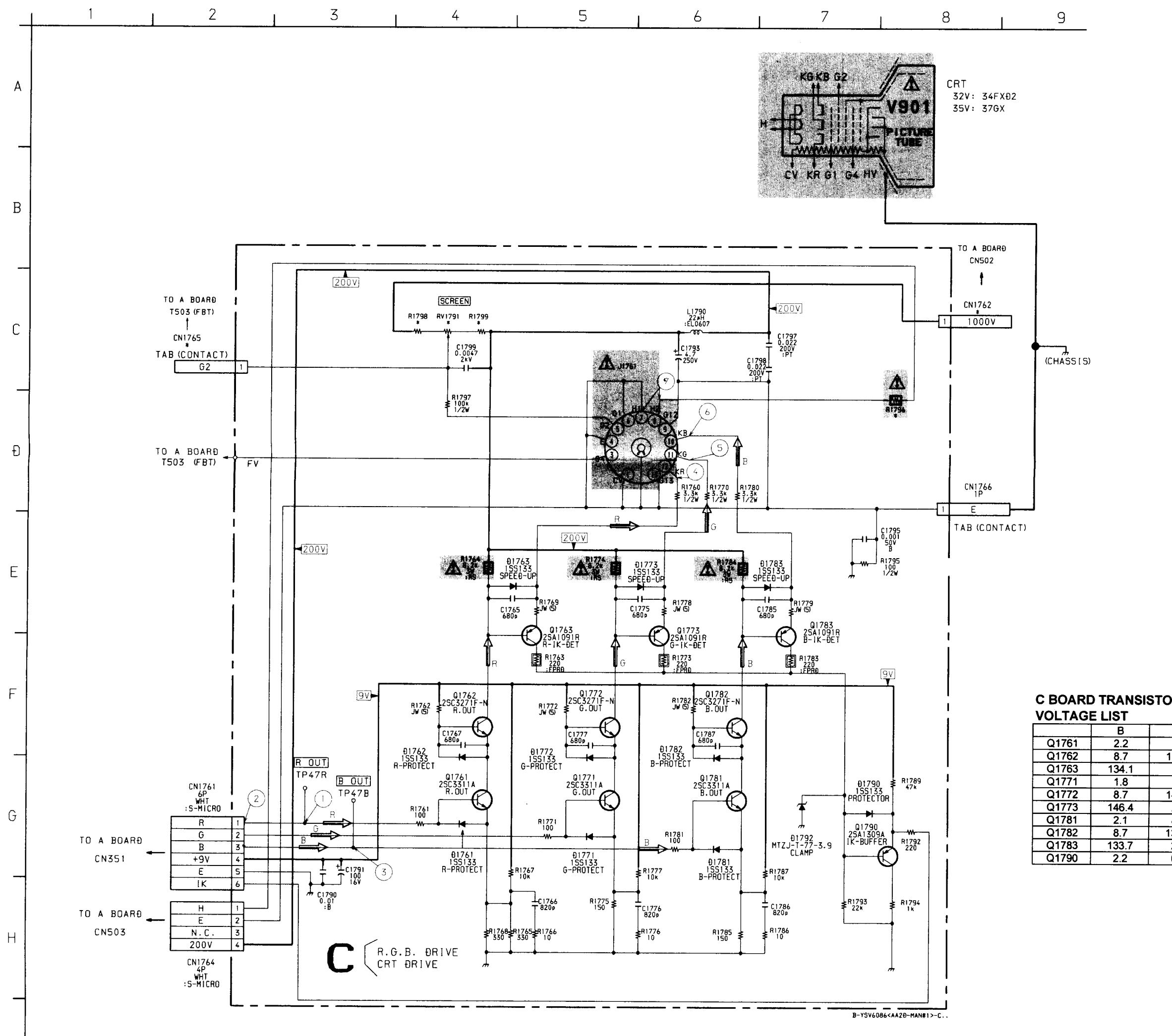
← A board UV board →

— 39 —

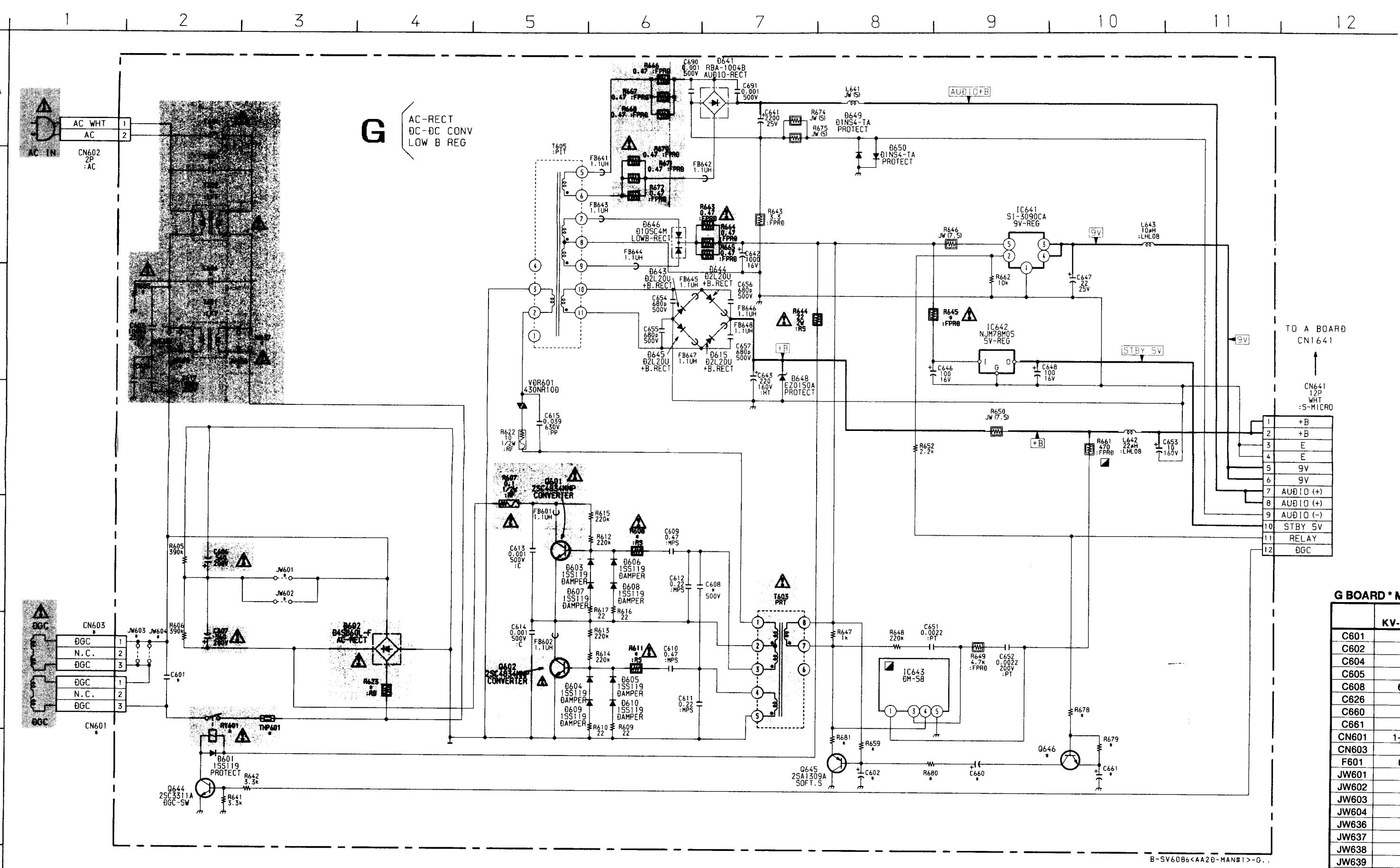
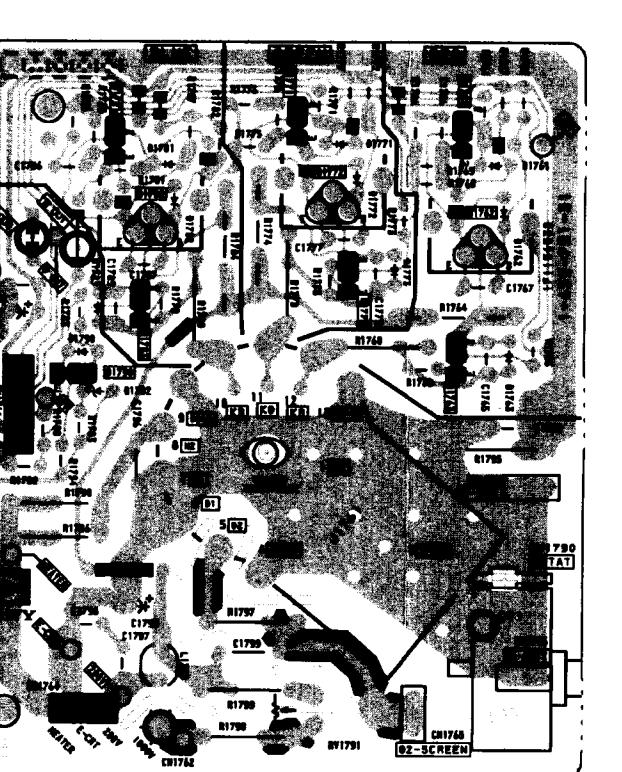
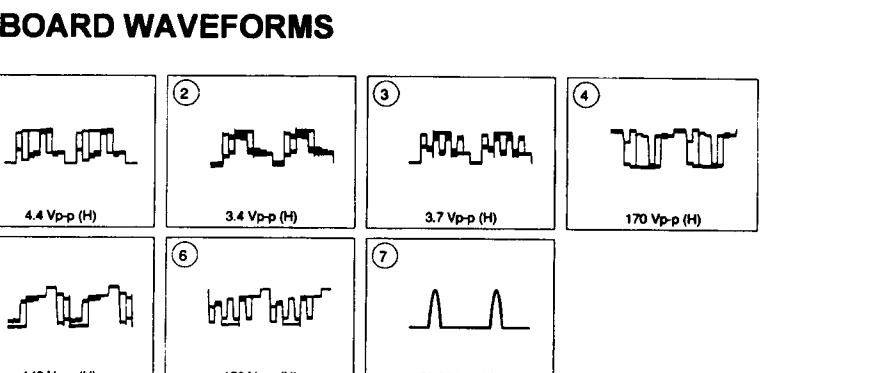
— 40 —

— 41 —

— 42 —



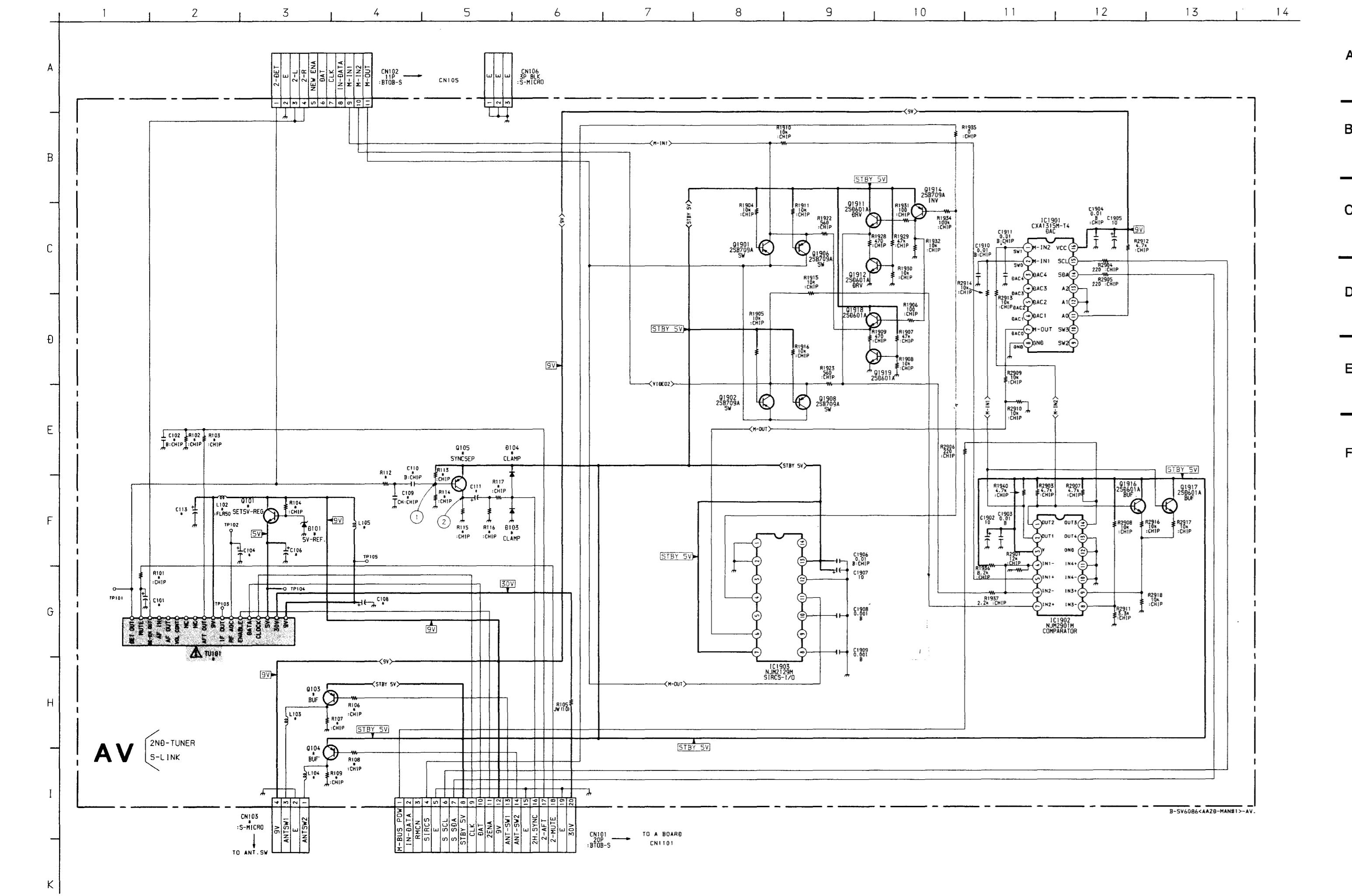
C BOARD * MARK LIST		KV-32V26/32V36/32V36C	KV-35V36/35V76/37V36M
CN1762	#	1P	
CN1765	TAB	#	
R1796	2.7 / 2W	0.47 / 2W	
R1798	#	680K / 5W	
R1799	#	100K .5W	
RV1791	#	2.2M .5W	



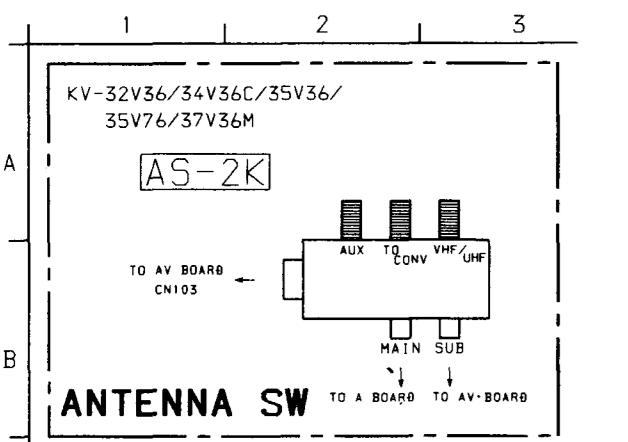
G BOARD TRANSISTOR VOLTAGE LIST		
B	C	E
Q601	1.755-146-11	1.755-146-11
T601	1-426-717-11	1-426-717-11
T602	1-424-220-11	1-424-220-11
THP601	1-809-539-11	1-809-539-11

G BOARD * MARK LIST		
KV-32V26/32V36	KV-35V36/35V76/37V36M	KV-34V36C
C601	# .22/250V	# 4.7
C602	# .22/125V	#
C604	.22/125V	
C605	.22/125V	
C608	680p/500V	.001/500V
C626	JW(7.5)	100p/250V
C660	JW(5)	
C661	4.7	#
CN601	1-508-765-21	1-572-963-11
CN603	# 1-572-963-11	1-508-765-21
F601	6.3A/125V	6.3A/250V
JW601	5MM	5MM
JW602	5MM	5MM
JW603	5MM	5MM
JW604	5MM	5MM
JW636	# 10MM	10MM
JW637	# 10MM	10MM
JW639	# 10MM	10MM
Q646	2SC3311A	2SC3311A
R603	2.2M 1/2W	2.2M 1/2W
R608	1.8 2W	1.8 2W
R611	1.8 2W	1.8 2W
R623	1 20W	1 20W
R645	JW(5)	10 1/2W
R646	JW(5)	JW(7.5)
R659	#	10K
R678	22k	22k
R679	22k	
R680	10k	10k
R681	150	150
RY601	1-755-146-11	1-755-146-11
T601	1-426-717-11	1-426-717-11
T602	1-424-220-11	1-424-220-11
THP601	1-809-539-11	1-809-539-11

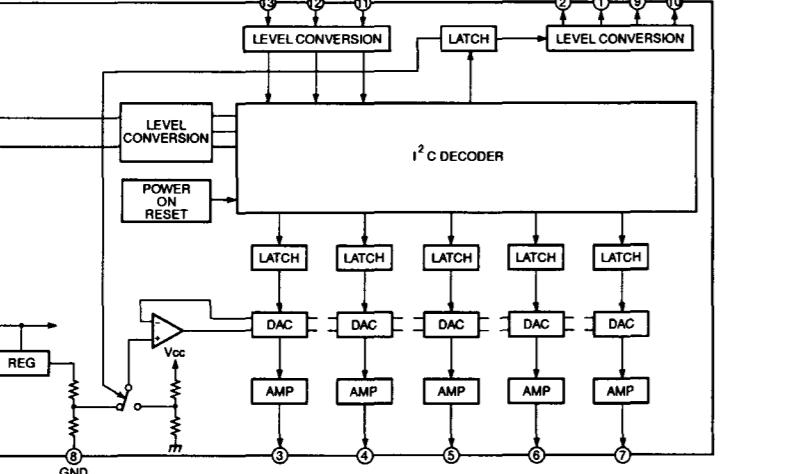
NOT MOUNTED



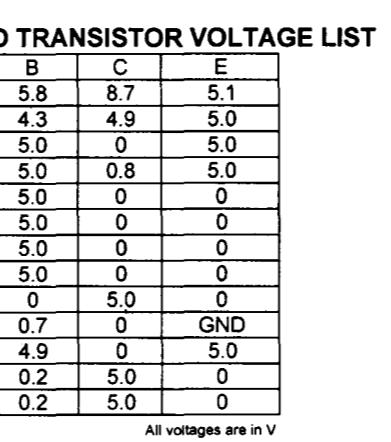
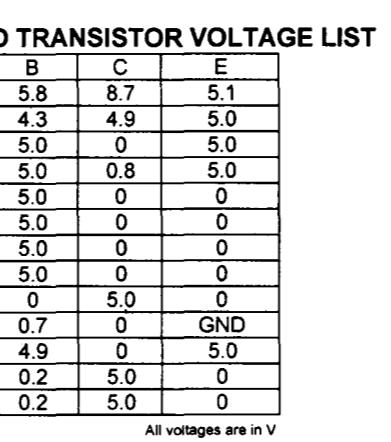
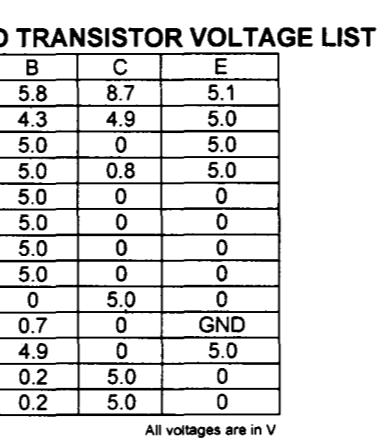
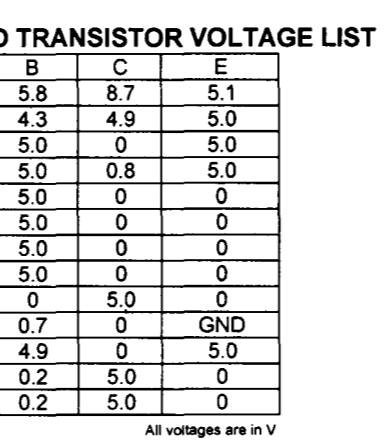
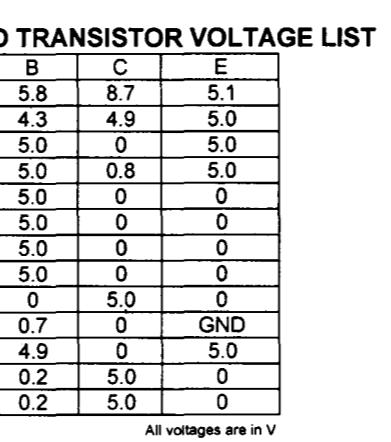
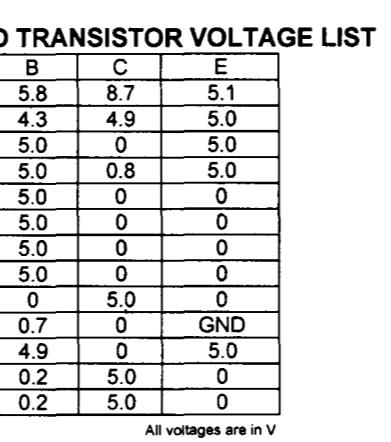
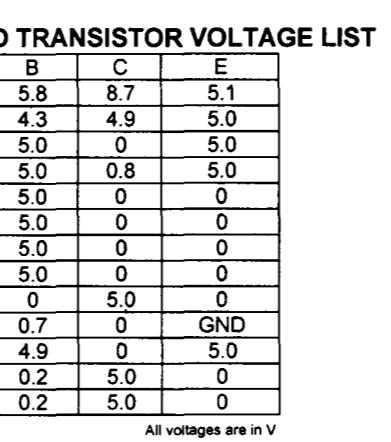
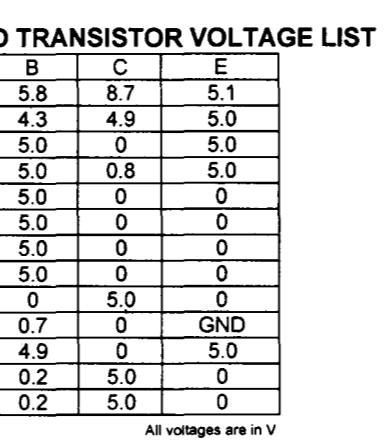
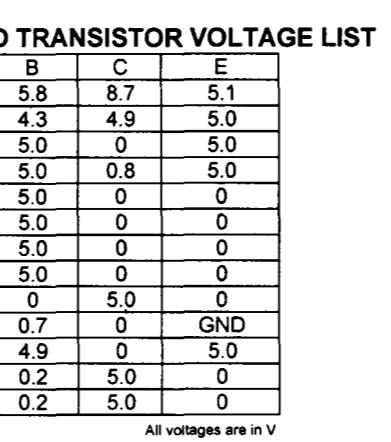
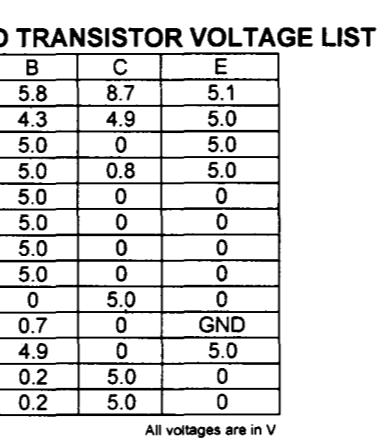
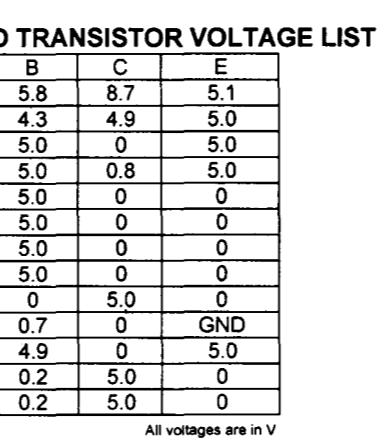
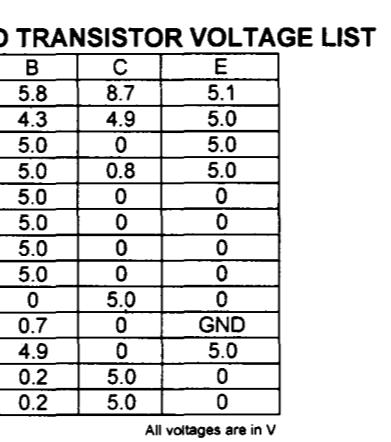
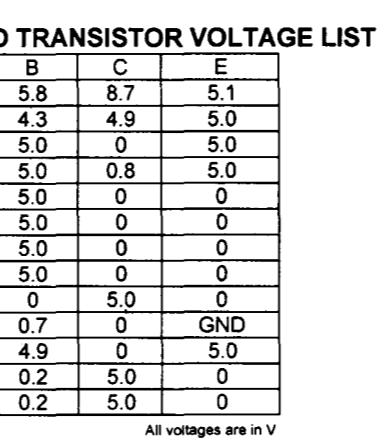
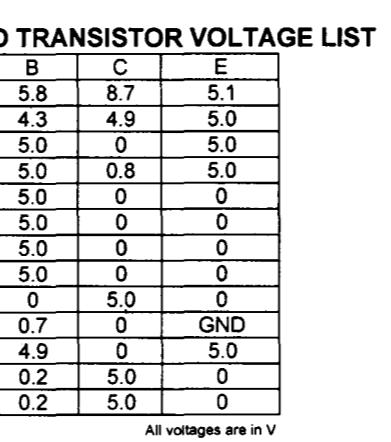
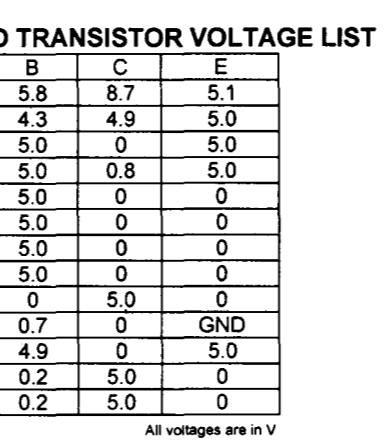
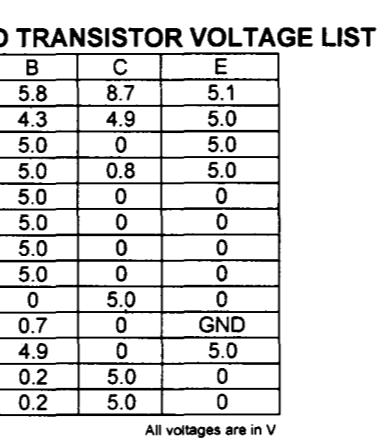
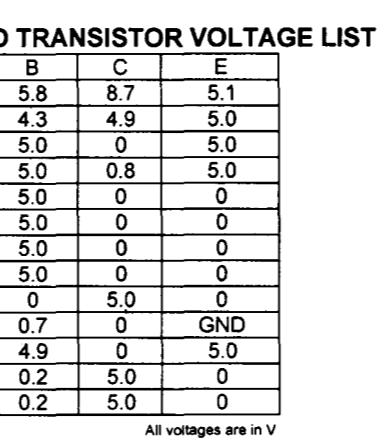
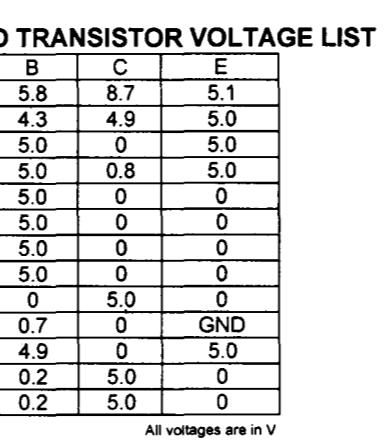
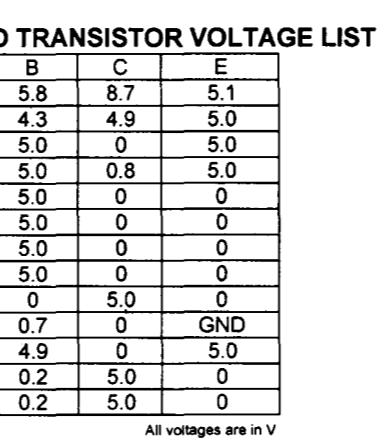
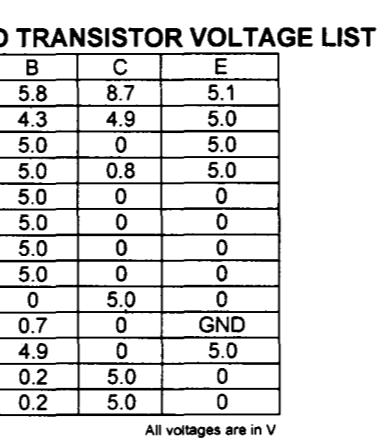
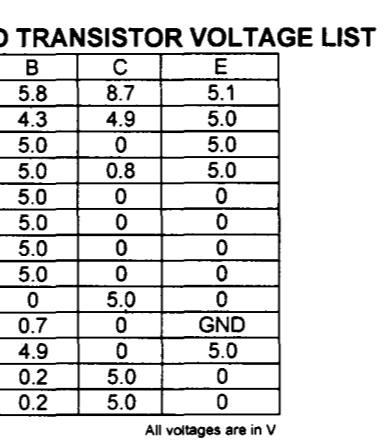
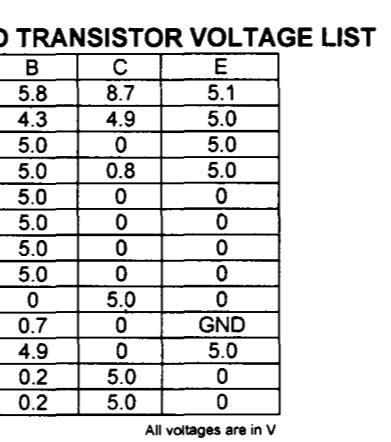
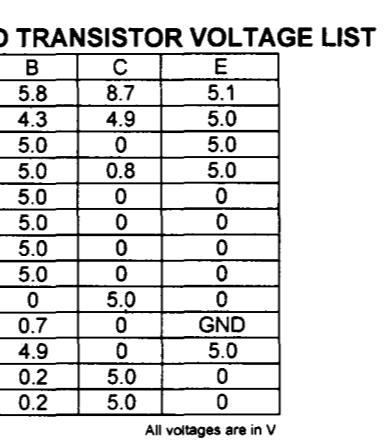
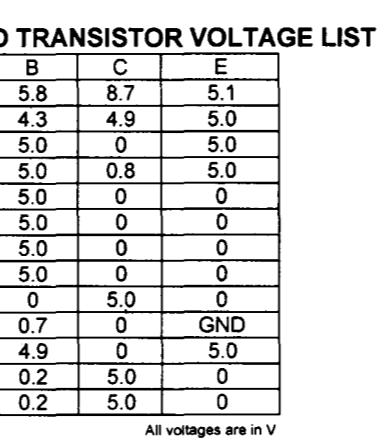
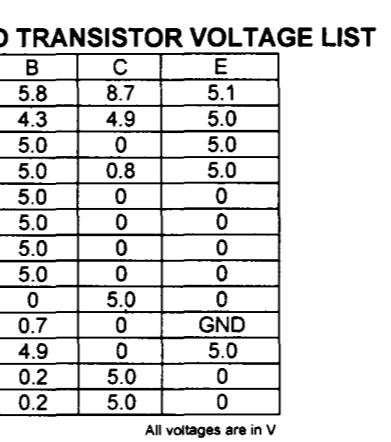
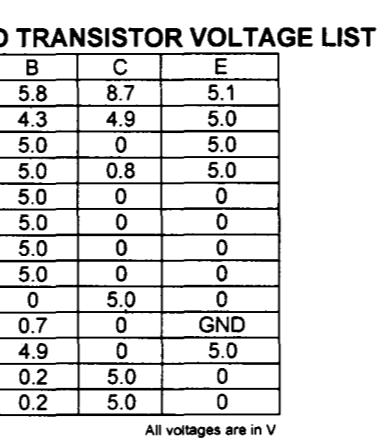
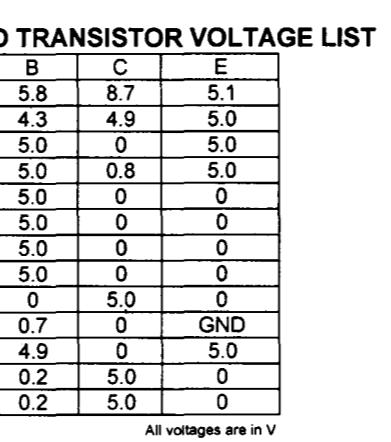
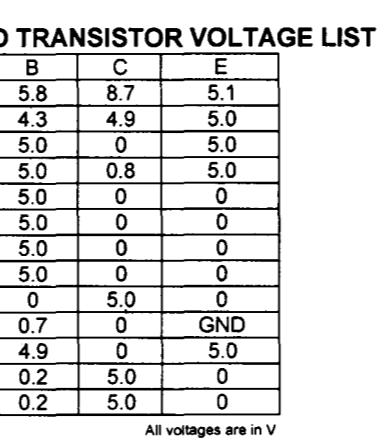
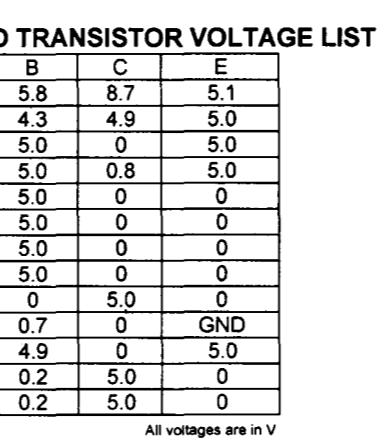
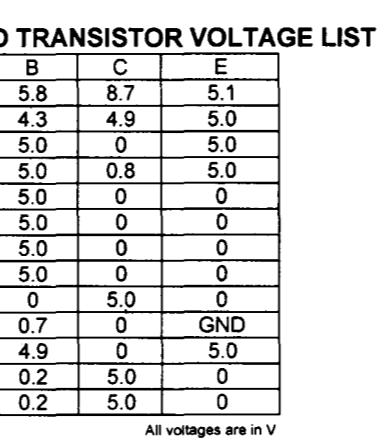
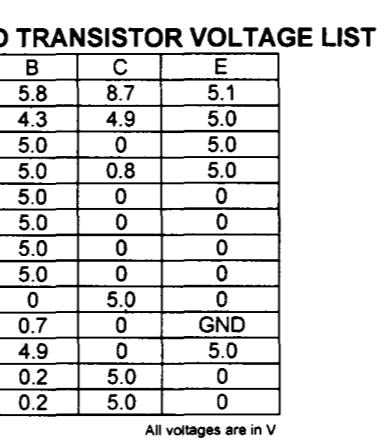
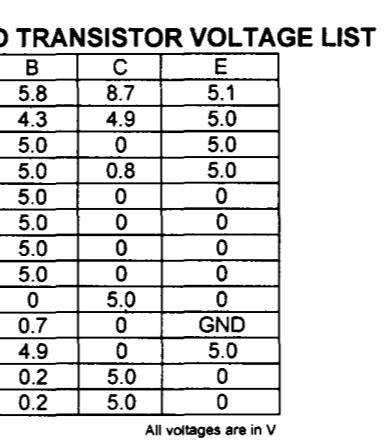
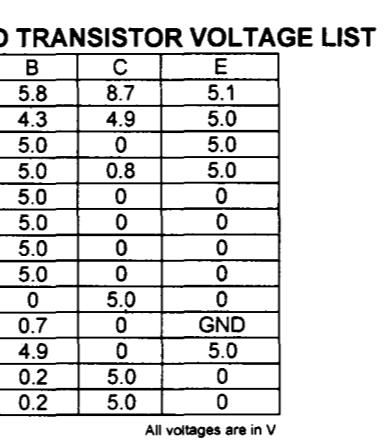
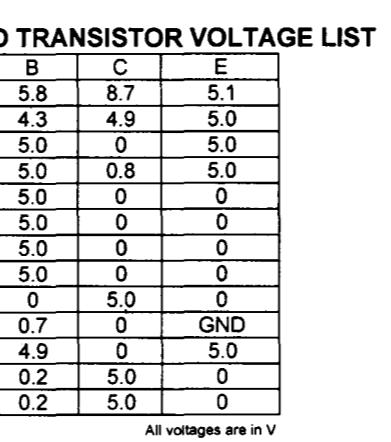
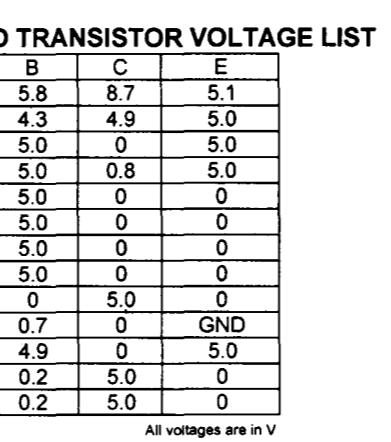
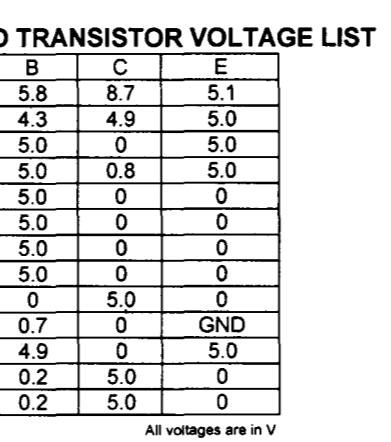
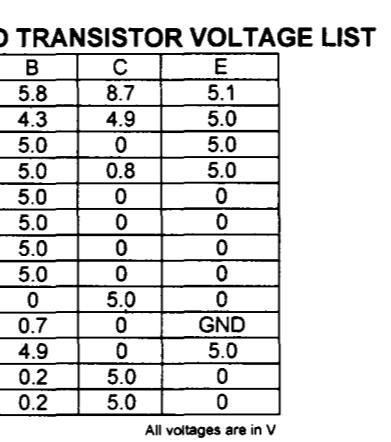
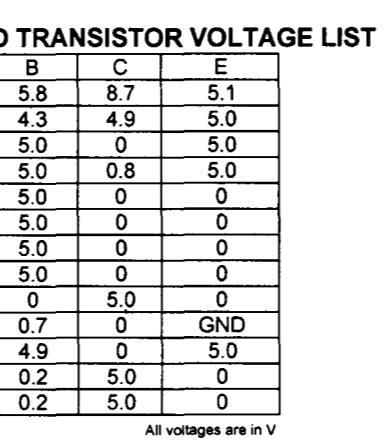
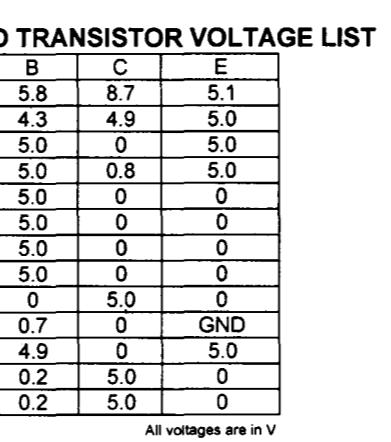
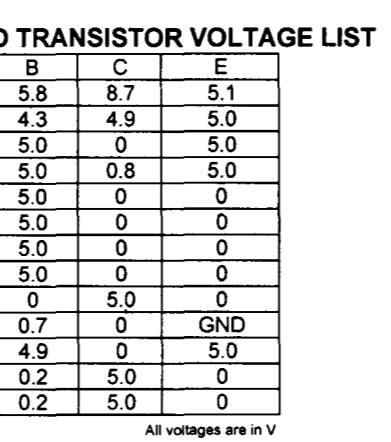
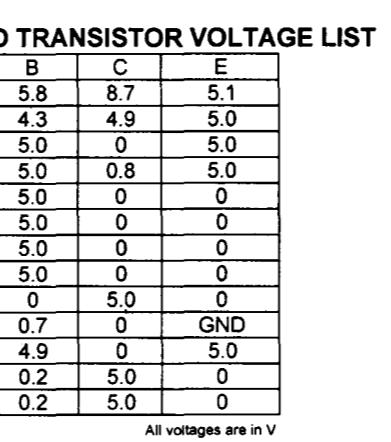
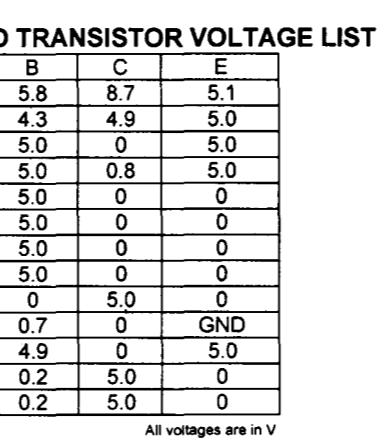
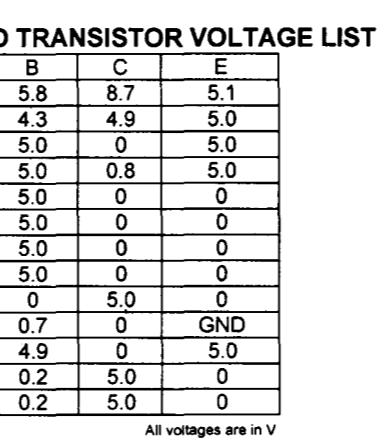
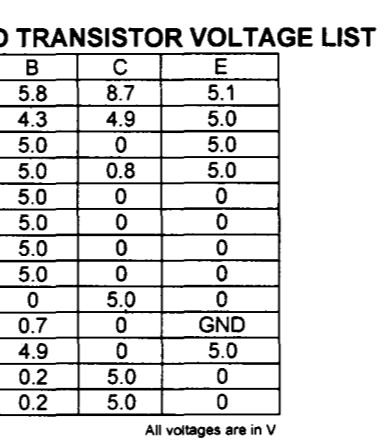
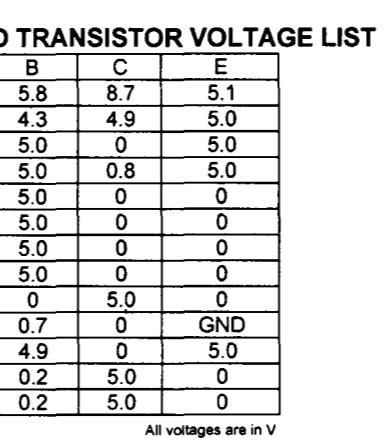
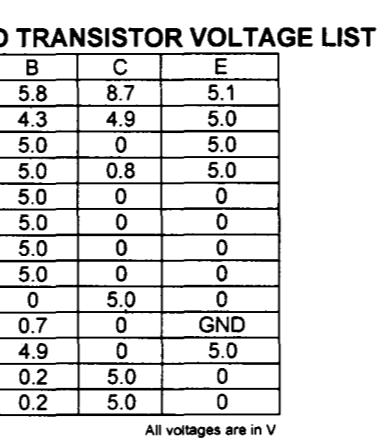
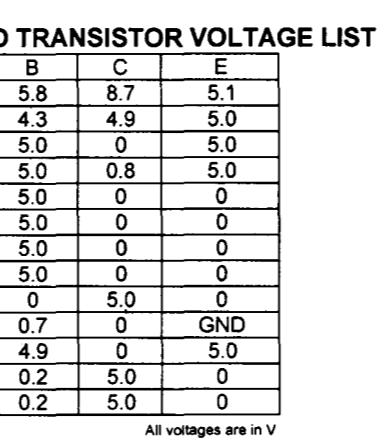
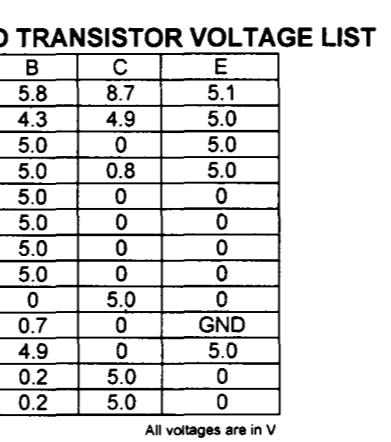
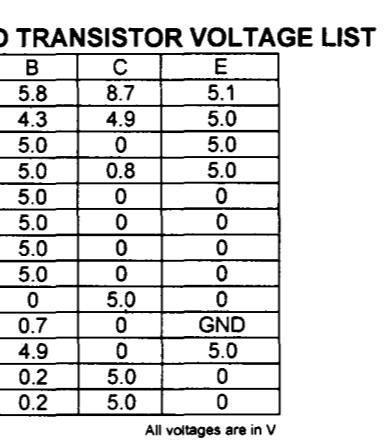
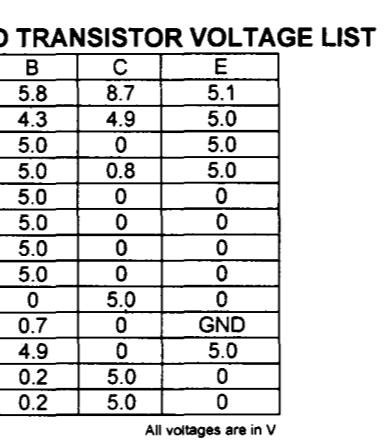
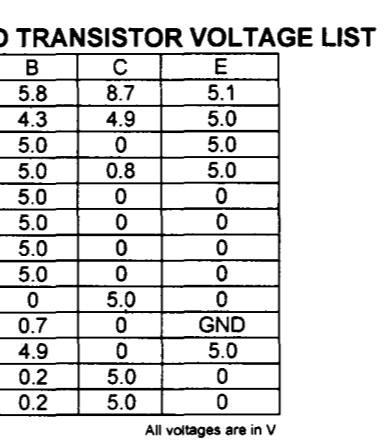
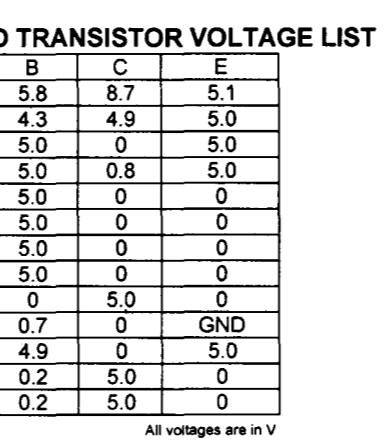
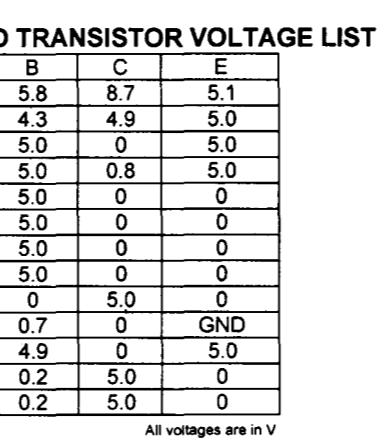
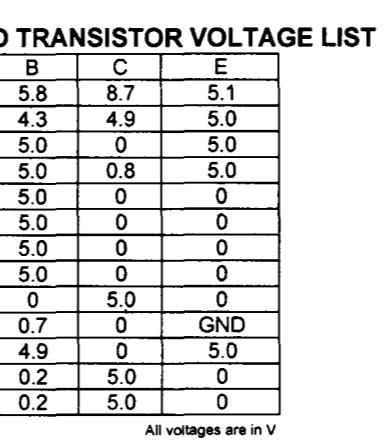
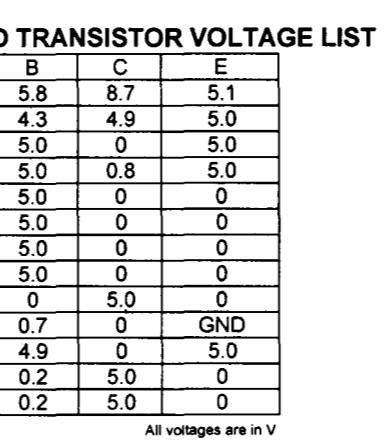
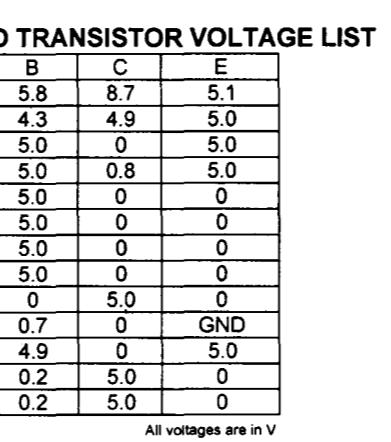
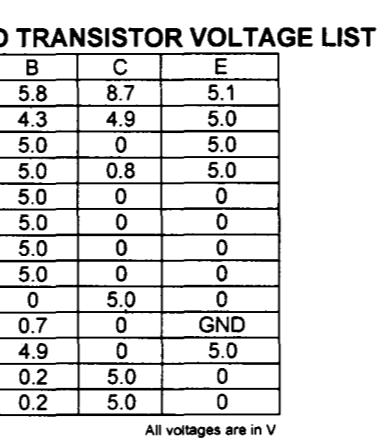
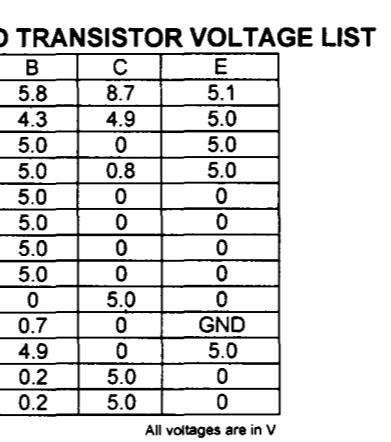
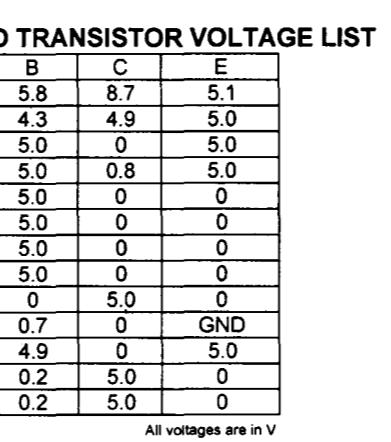
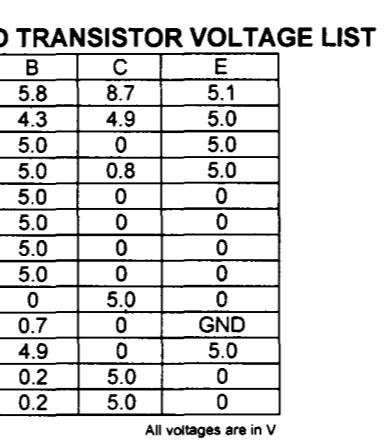
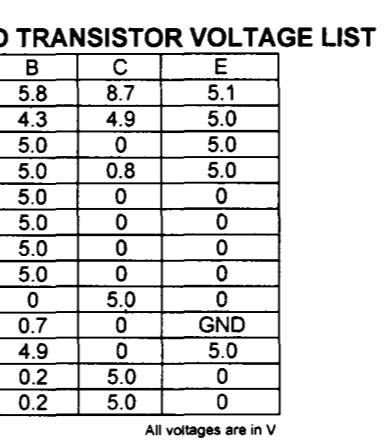
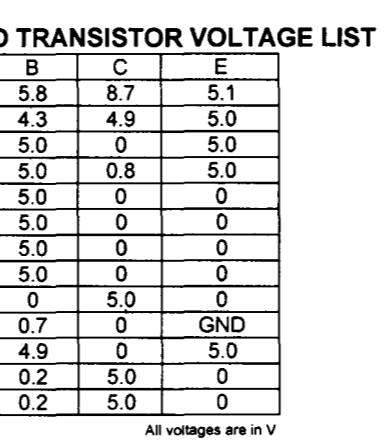
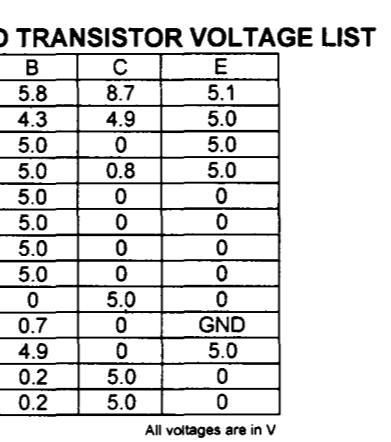
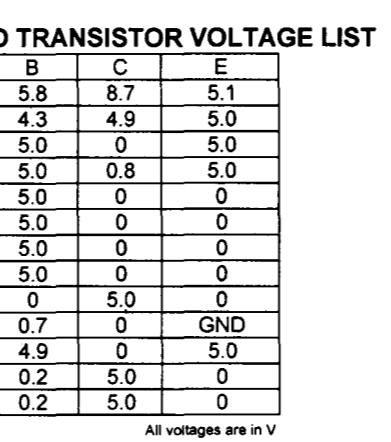
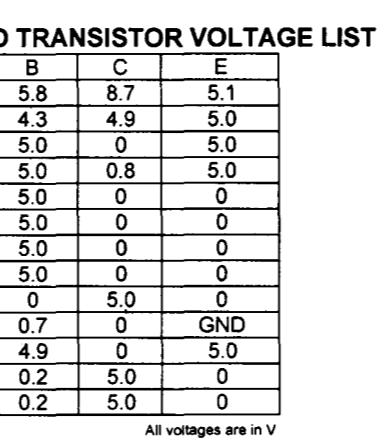
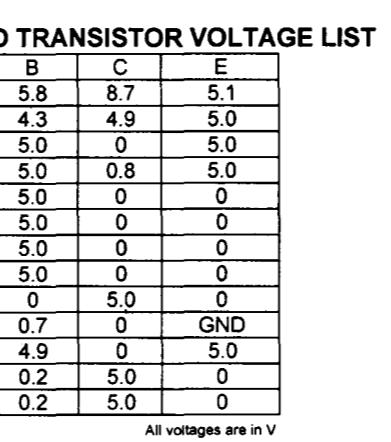
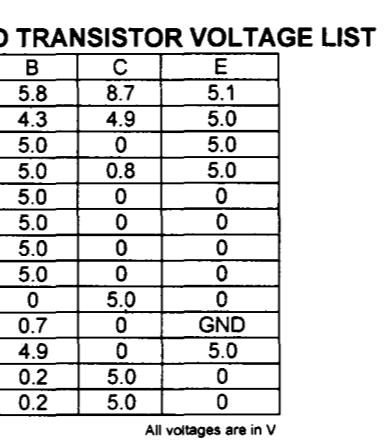
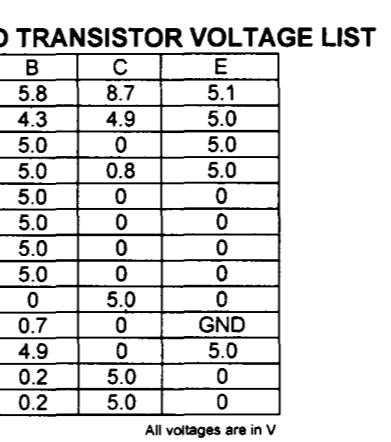
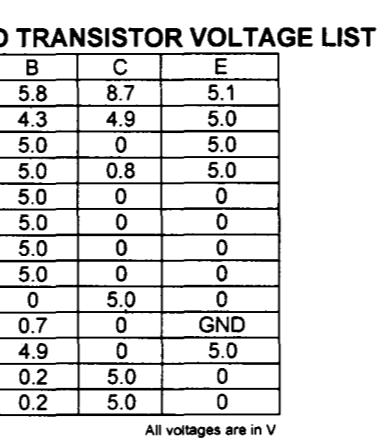
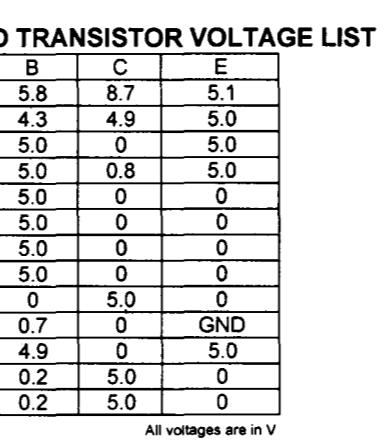
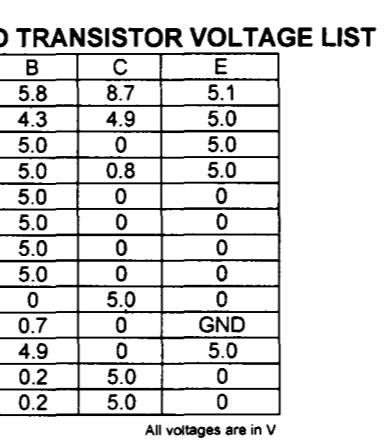
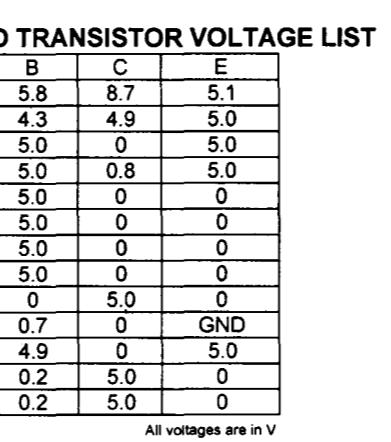
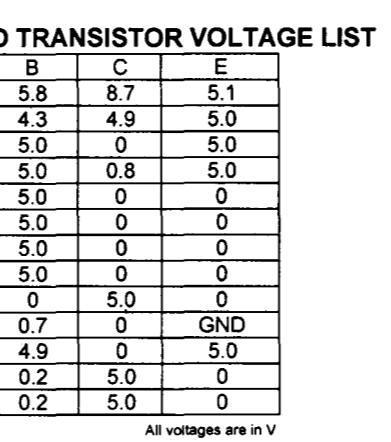
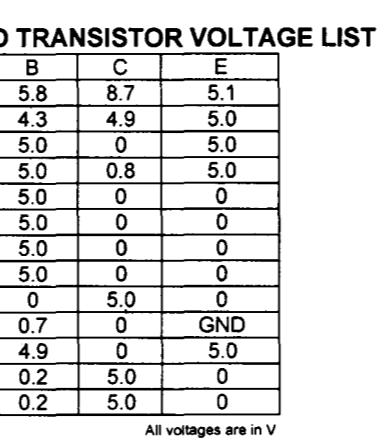
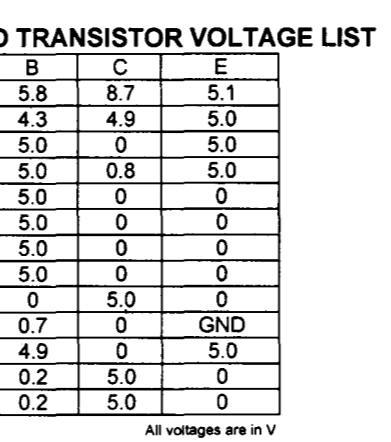
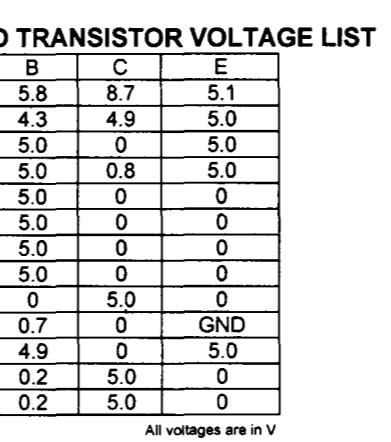
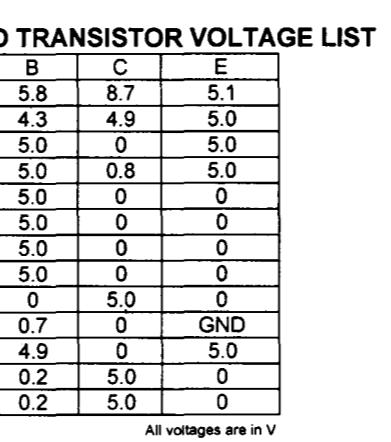
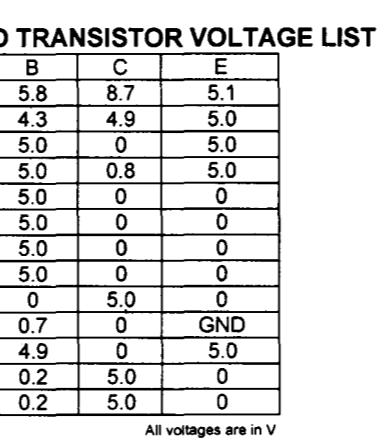
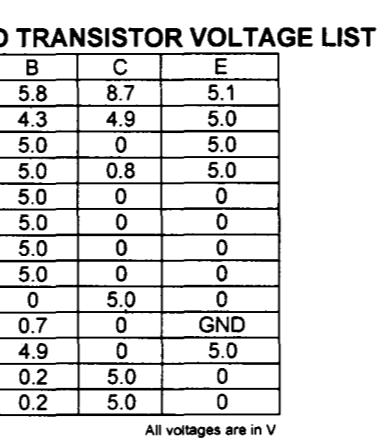
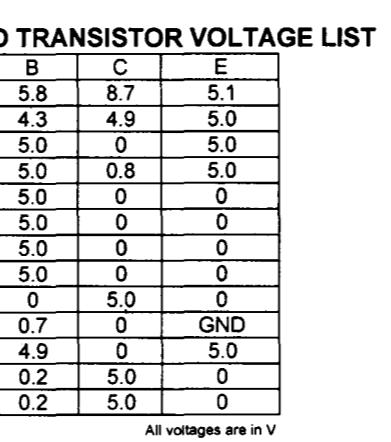
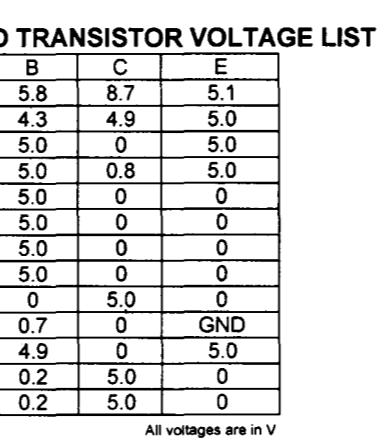
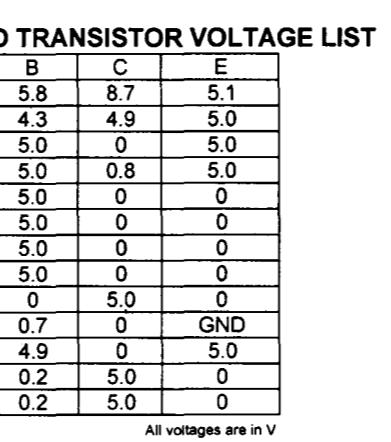
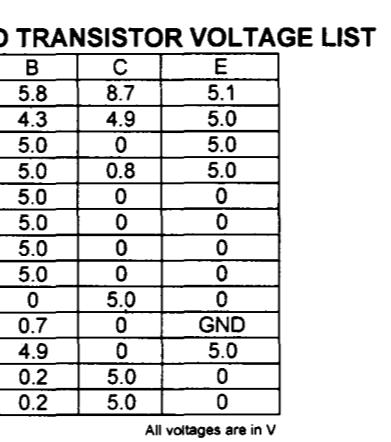
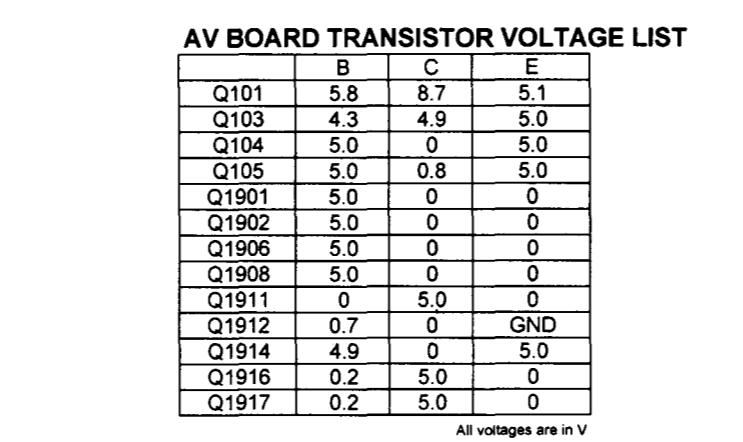
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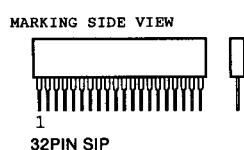


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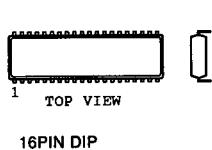


4-5. SEMICONDUCTORS

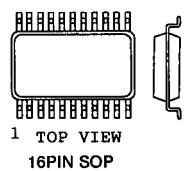
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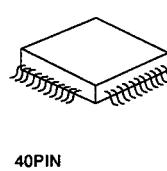
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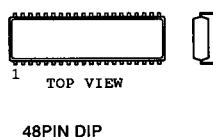
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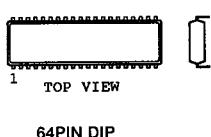
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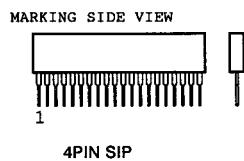
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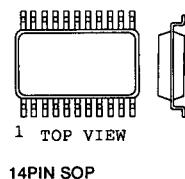
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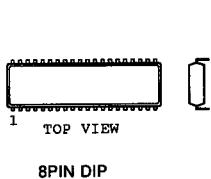
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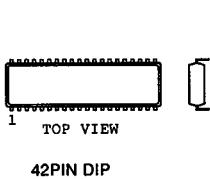
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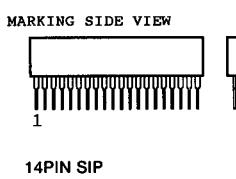
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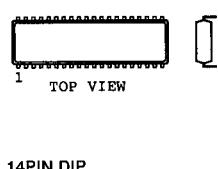
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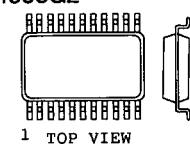
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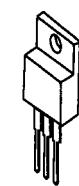
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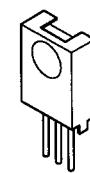
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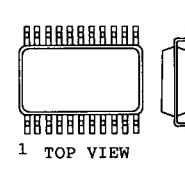
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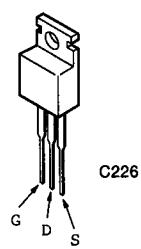


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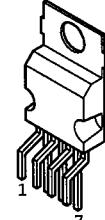


C32S

IRF614



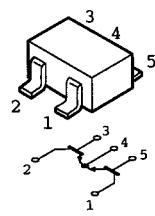
STV9379



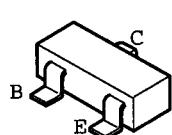
TDA2009A



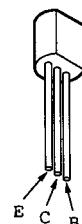
FMGAT148
2SC5418



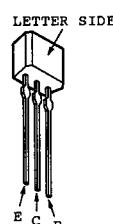
2SA1037AK-T146-R
2SA1162-G
2SA1130-06
2SD601A-Q

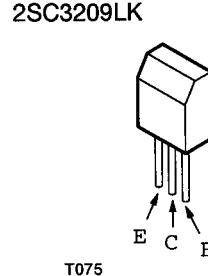
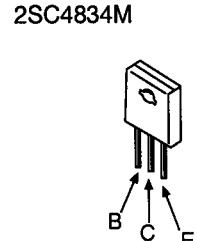
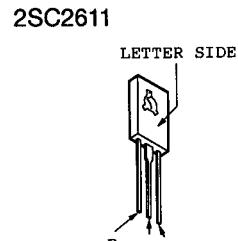
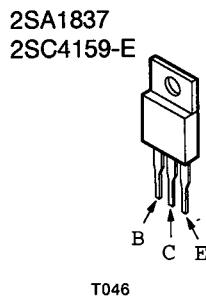


2SA1091-0



2SA1175-HFE
2SC2785-HFE



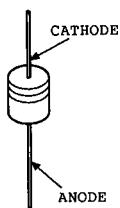


D10SC4M



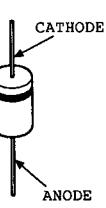
D216

D1NS4
MTZJ-3.3
MTZJ-33A
MTZJ-6.2B
MTZJ-7.5B
RD10ESB2
RD39ES-B2
RD5.6ESB2
1SS19-25



D026

D2L2OU
EL1Z
EZ0150AV1
GP08D
MTZJ-T-77-3.9
RGP02-17EL-6433



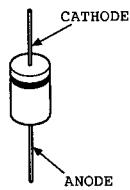
D032

D4SB60L
RBA-1004B



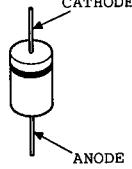
D029

ERC06-15S
ISSI33T-77



D030

ERD29-08J



D095

SECTION 5 EXPLODED VIEWS

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a callout number in the remark column.

• Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

Note:

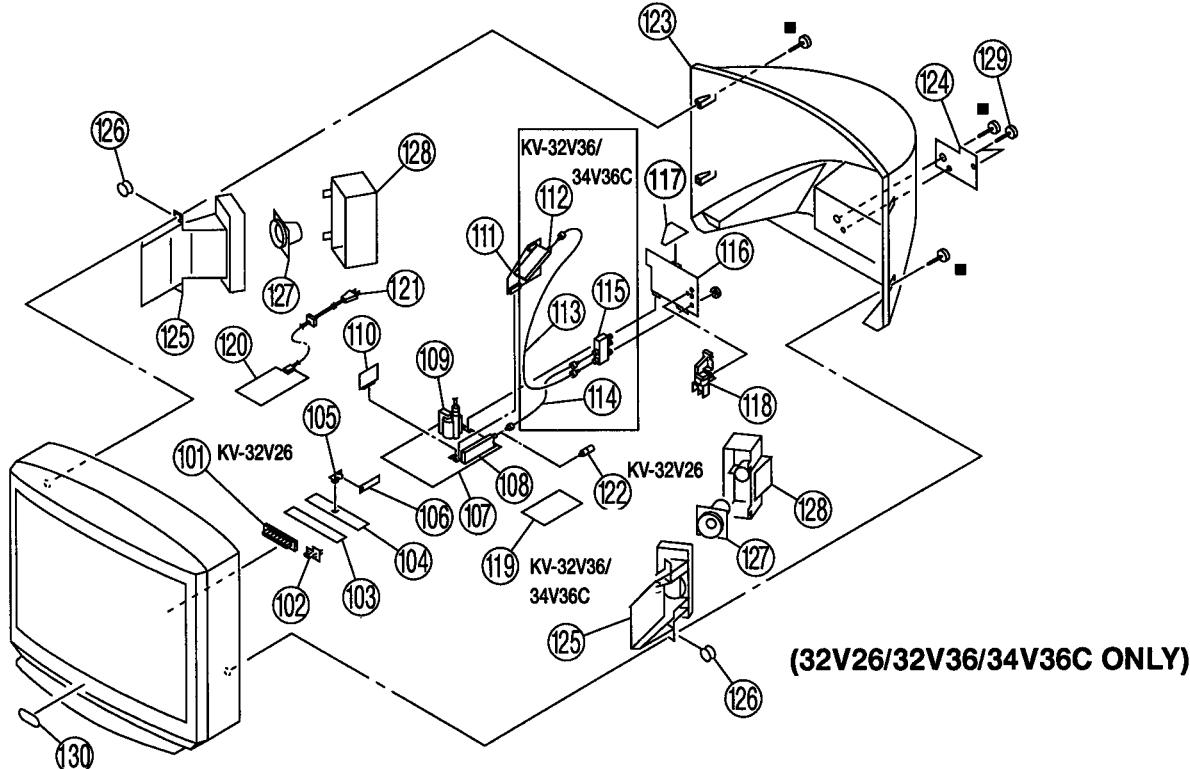
The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

5-1. CHASSIS (32V26/32V36/34V36C ONLY)

■ 7-685-663-71 SCREW +BVTP 4X16



REF.NO.	PART NO.	DESCRIPTION	REMARK
101	4-052-907-01	BUTTON, MULTI (KV-32V26)	
102 *	4-052-897-01	GUIDE, LED	
103 *	A-1372-325-A	HV BOARD, COMPLETE (KV-32V26)	
103 *	A-1372-330-A	HV BOARD, COMPLETE (KV-32V36/34V36C)	
104 *	A-1372-326-A	HS BOARD	
105 *	3-696-606-02	HINGE, VI	
106 *	1-659-757-11	SA BOARD	
107 *	A-1298-062-A	A BOARD, COMPLETE (KV-32V26)	
107 *	A-1298-082-A	A BOARD, COMPLETE (KV-32V36/34V36C)	
108 Δ	8-598-340-00	TUNER BTF-WA404	
109 Δ	1-453-207-11	TRANSFORMER ASSY, FLYBACK (NX-2609)	
110 *	A-1195-115-A	P BOARD, COMPLETE	
111 *	A-1297-720-A	AV BOARD, COMPLETE (KV-32V36/34V36C)	
111 *	A-1297-850-A	AV BOARD, COMPLETE (KV-32V26)	
112 Δ	8-598-339-00	TUNER BTF-LA402 (KV-32V36/34V36C)	
113 *	1-557-056-31	CABLE, P-P (KV-32V36/34V36C)	
114 *	1-556-945-21	CABLE, P-P (KV-32V36/34V36C)	
115	8-598-414-00	SWITCH, ANTENNA AS-2F (KV-32V36/34V36C)	
116 *	A-1394-846-A	UV BOARD, COMPLETE (KV-32V36/34V36C)	
116 *	A-1394-844-A	UV BOARD, COMPLETE (KV-32V26)	

REF.NO.	PART NO.	DESCRIPTION	REMARK
117 *	A-1390-585-A	SC BOARD, COMPLETE	
118 *	4-052-905-01	BRACKET, V5/6 (KV-32V36/34V36C)	
119 *	A-1380-518-A	K BOARD, COMPLETE (KV-32V36/34V36C)	
120 *	A-1316-252-A	G BOARD, COMPLETE (KV-34V36C)	
120 *	A-1316-261-A	G BOARD, COMPLETE (KV-32V26/34V36C)	
121 Δ	1-751-059-11	CORD POWER (WITH CONNECTOR) (KV-32V26/32V36)	
121 Δ	1-769-796-41	CORD POWER (WITH CONNECTOR) (KV-34V36C)	
122	1-766-374-11	PLUG, F-PIN (KV-32V26)	
123	4-053-766-11	COVER, REAR	
124	4-052-898-11	LABEL, TERMINAL (KV-32V36/34V36C)	
124	4-052-899-11	LABEL, TERMINAL (KV-32V26)	
125	4-043-457-11	BAFFLE, SPEAKER	
126	4-374-745-31	CUSHION (A)	
127	1-504-524-11	SPEAKER (8CM) (KV-32V26)	
127	1-505-326-11	SPEAKER (8CM) (KV-32V36/34V36C)	
128	X-4032-226-1	COVER ASSY, SPEAKER (KV-32V26)	
128	X-4033-616-1	COVER ASSY, SPEAKER (KV-32V36/34V36C)	
129	4-041-165-01	SCREW (3X12) TAPPING, +BV	
130	4-046-160-01	EMBLEM (NO.9), SONY	

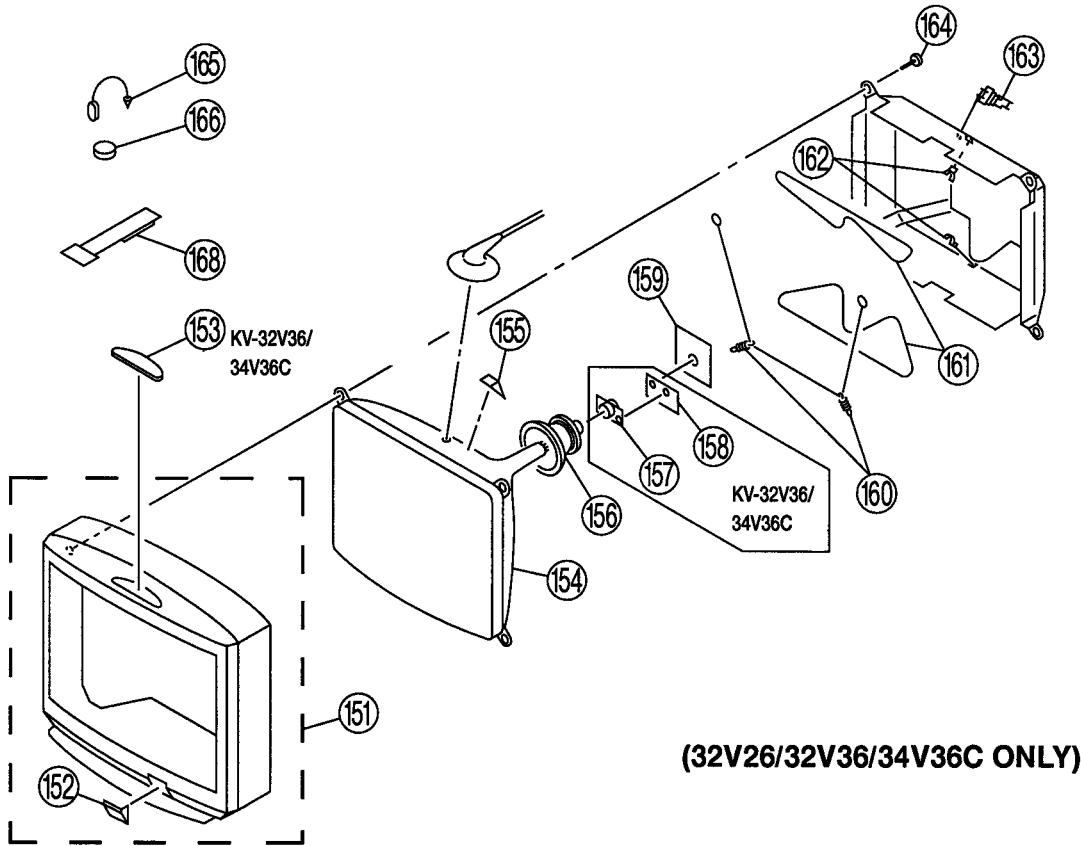
5-2. PICTURE TUBE (32V26/32V36/34V36C ONLY)

Note:

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



REF.NO.	PART NO.	DESCRIPTION	REMARK
151	X-4034-596-1	BEZNET ASSY (KV-32V26)	152
151	X-4033-597-1	BEZNET ASSY (KV-32V36/34V36C)	152
152	4-052-906-21	DOOR, CONTROL (KV-32V26)	
152	4-052-906-51	DOOR, CONTROL (KV-32V36/34V36C)	
153	1-473-549-11	SWITCH BLOCK, CONTROL (KV-32V36/34V36C)	
154 Δ	8-733-745-05	CRT34FXD2 (M80JYV51X) (KV-32V26/32V36)	
154 Δ	8-733-746-05	CRT34FXD2 (M80JYV51X) (KV-34V36C)	
155	4-053-005-01	SPACER, DEFLECTION YOKE	
156	8-451-482-21	DEFLECTION YOKE (Y34FXA2-X)	
157 Δ	1-452-579-21	NECK ASSY, CRT (NA322) (KV-34V36C)	

REF.NO.	PART NO.	DESCRIPTION	REMARK
158 *	A-1372-225-A	WB BOARD, COMPLETE (KV-32V36/34V36C)	
159 *	A-1331-549-A	C BOARD, COMPLETE	
160	4-036-329-01	SPRING (B), TENSION	
161 Δ	1-402-952-11	COIL DEMAGNETIC (KV-32V26/32V36)	
161 Δ	1-411-474-11	COIL DEMAGNETIC (KV-34V36C)	
162	4-371-629-01	STOPPER WIRE	
163	4-033-681-01	HOLDER, LEAD	
164	4-041-268-01	SCREW (7), TAPPING	
165	4-308-870-00	CLIP LEAD WIRE	
166	1-452-032-00	MAGNET, DISC	
168	4-051-737-21	PIECE A (100), CONV. CORRECT	

5-3. CHASSIS (35V36/35V76/37V36M ONLY)

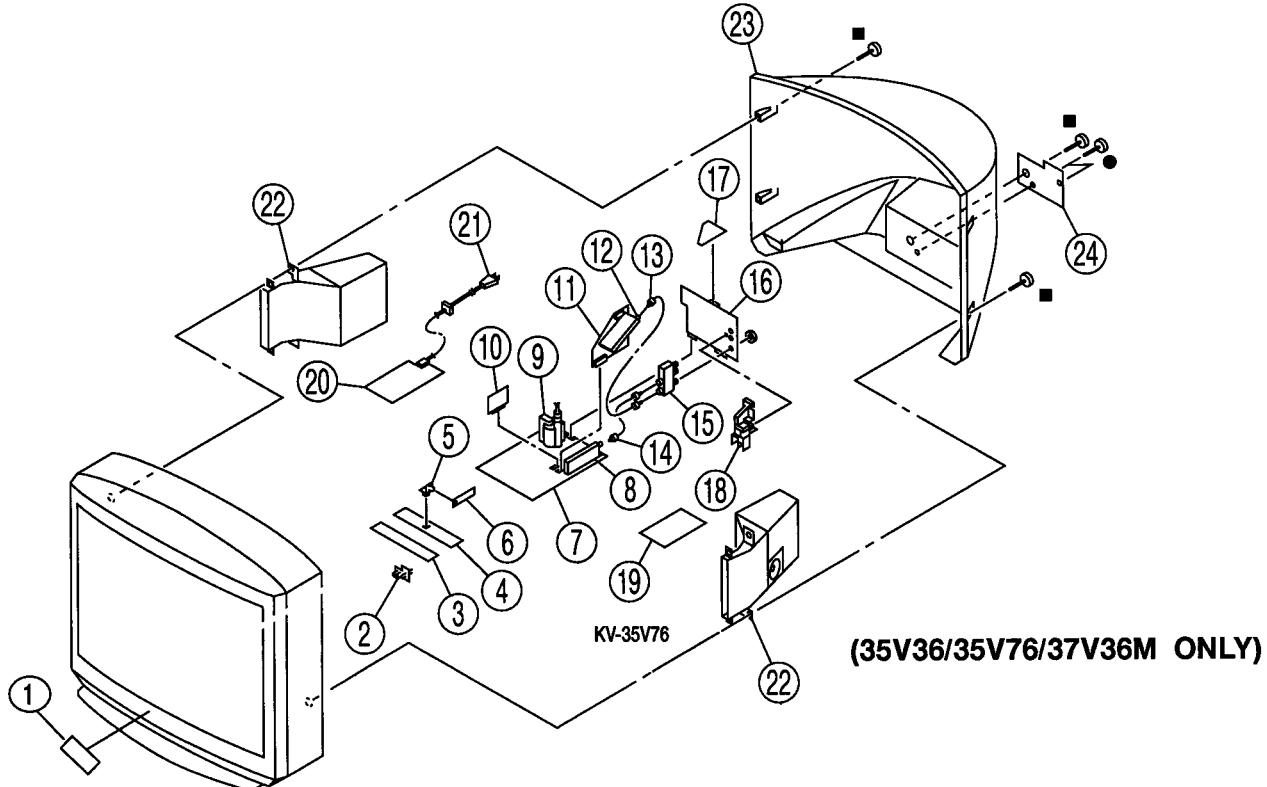
Note:

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

- 7-685-648-79 SCREW +BVTP 3X12
- 7-685-663-71 SCREW +BVTP 4X16

Note:

Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



REF.NO.	PART NO.	DESCRIPTION	REMARK
1	4-046-160-01	EMBLEM (NO. 9) SONY	
2 *	4-052-897-01	GUIDE, LED	
3 *	A-1372-330-A	HV BOARD, COMPLETE	
4 *	A-1372-326-A	HS BOARD, COMPLETE	
5 *	3-696-606-02	HINGE, VI	
6	1-659-757-13	SA BOARD	
7 *	A-1298-087-A	A BOARD, COMPLETE (KV-35V36/37V36M)	
7 *	A-1298-088-A	A BOARD, COMPLETE (KV-35V76)	
8 Δ	8-598-340-00	TUNER BTF-WA404	
9 Δ	1-453-126-11	TRANSFORMER ASSY, FLYBACK (NX-300A3) (KV-35V36/35V76)	
9 Δ	1-439-50-11	TRANSFORMER ASSY, FLYBACK (NX-3001) (KV-37V36M)	
10 *	A-1195-115-A	P BOARD, COMPLETE	
11 *	A-1297-720-A	AV BOARD, COMPLETE	
12 Δ	8-598-339-00	TUNER BTF-LA402	

REF.NO.	PART NO.	DESCRIPTION	REMARK
13 *	1-557-056-31	CABLE, P-P	
14 *	1-556-945-21	CABLE, P-P	
15	8-598-414-00	ANTENNA SWITCH AS-2F	
16 *	A-1394-846-A	UV BOARD, COMPLETE (KV-35V76)	
16 *	A-1394-847-A	UV BOARD, COMPLETE (KV-35V36/37V36M)	
17 *	A-1390-585-A	SC BOARD, COMPLETE	
18 *	4-052-905-01	BRACKET, V5/6	
19 *	A-1380-518-A	K BOARD, COMPLETE (KV-35V76)	
20 *	A-1316-262-A	G BOARD, COMPLETE	
21	1-751-059-11	CORD, POWER (WITH CONNECTOR) 10A/125V	
22	1-505-684-11	SPEAKER UNIT, BOX TYPE-2 WAY	
23	4-052-903-01	COVER, REAR	
24	4-052-898-11	LABEL, TERMINAL (KV-35V76)	
24	4-052-899-11	LABEL, TERMINAL (KV-35V36/37V36M)	

5-4. PICTURE TUBE (35V36/35V76/37V36M ONLY)

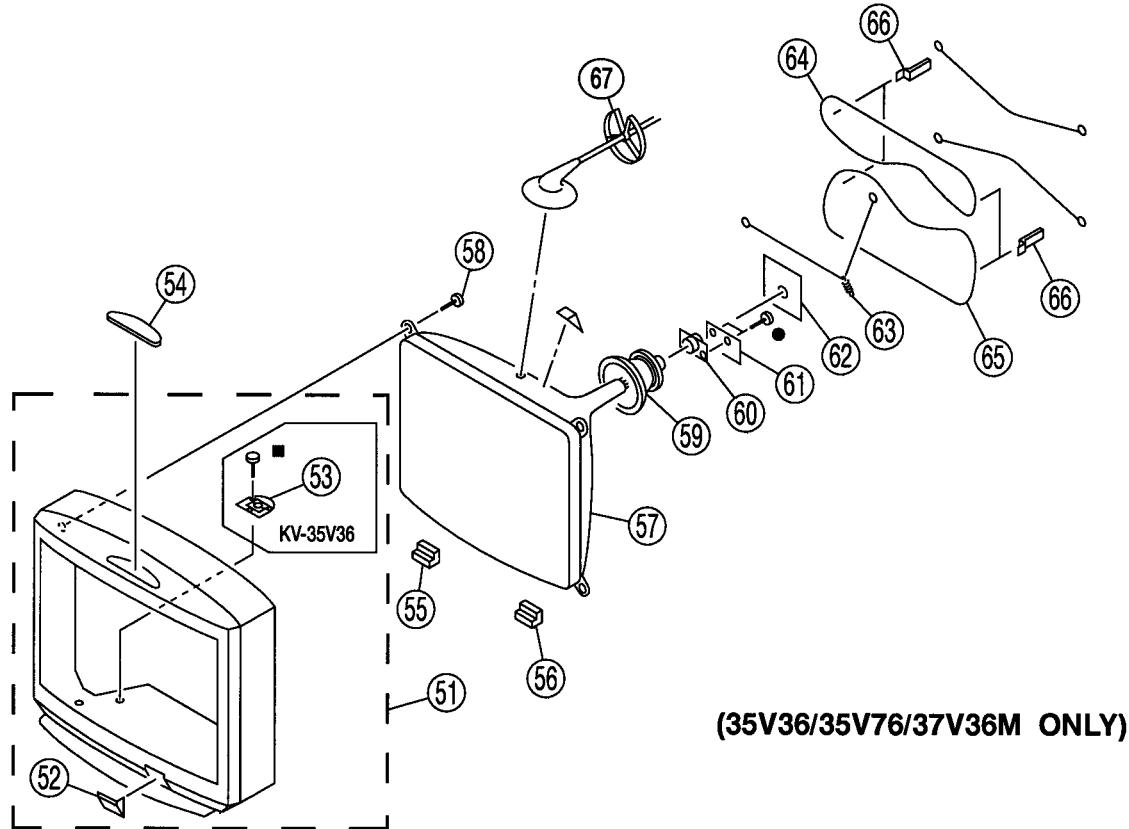
- : 7-685-648-79 +BVTP 3X12
- : 7-685-663-79 +BVTP 4X16

Note:

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

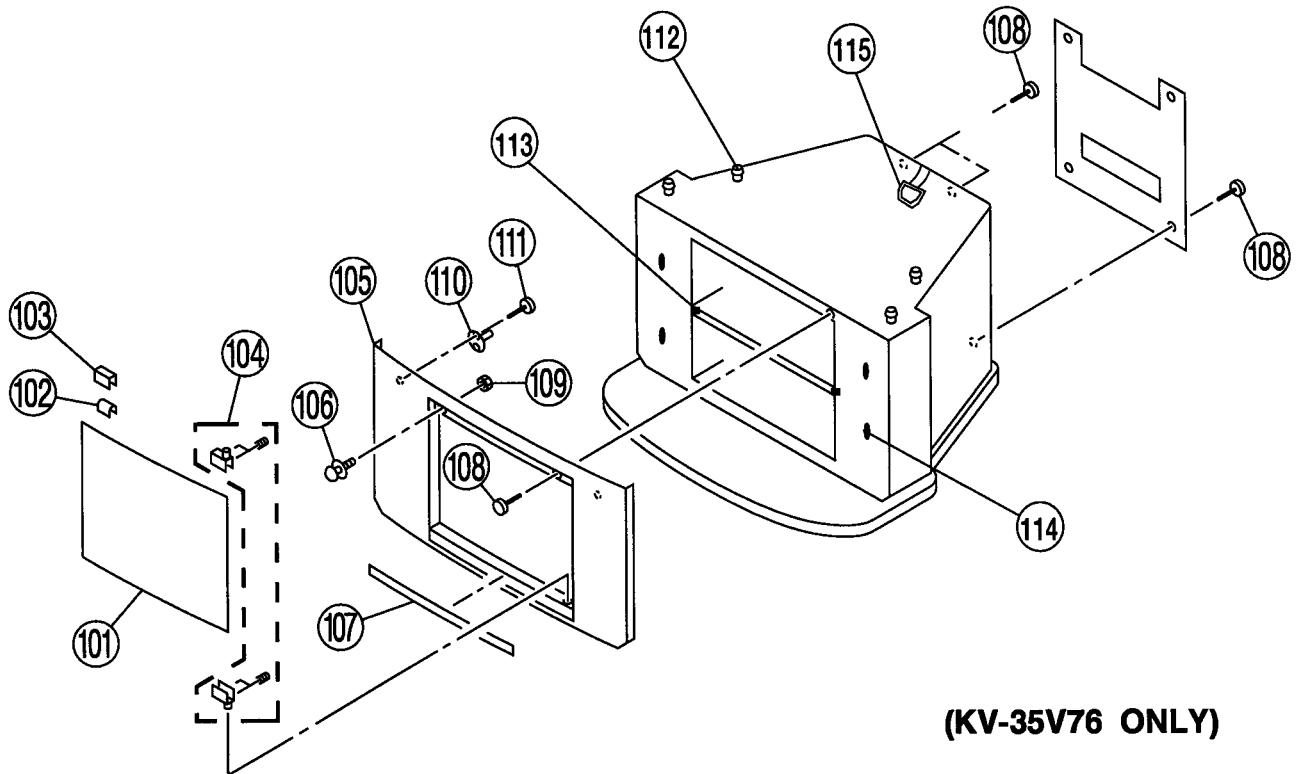
Note:

Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



REF.NO.	PART NO.	DESCRIPTION	REMARK
51	X-4034-522-1	BEZNET ASSY (KV-35V36/37V36M)	52
51	X-4034-523-2	BEZNET ASSY (KV-35V76)	52, 53
52	4-052-906-51	DOOR, CONTROL	
53	X-4032-889-1	CLAMP ASSY (KV-35V76)	
54	1-473-549-11	SWITCH BLOCK, CONTROL	
55	4-052-902-01	CRT SUPPORT (L)	
56	4-052-901-01	CRT SUPPORT (R)	
57 Δ	8-733-760-71	ITC 37GX-A1	
58	4-046-765-01	SCREW, TAPPING	
60	8-453-007-11	NA324-M	
61 *	A-1372-211-A	WA BOARD, COMPLETE	
62 *	A-1331-522-A	C BOARD, COMPLETE	
63	4-036-329-01	SPRING (B), TENSION	
64	1-411-881-11	COIL, DEMAGNETIC	
66 *	4-052-900-01	HOLDER, DGC	
67	3-704-372-31	HOLDER, HV CABLE	

5-5. CABINET BASE (KV-35V76 ONLY)



<u>REF.NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>REMARK</u>
101	X-4033-459-1	DOOR ASSY, GLASS	
102	2-352-981-01	SPACER	
103	2-359-505-01	RETAINER, MAGNET	
104	4-041-362-01	HINGE SET	
105	4-052-922-01	COVER, FRONT	
106	4-032-322-02	MAGNET, PUSH	
107 *	4-052-919-01	PANEL, FRONT	
108	4-041-164-11	SCREW (4X20), TAPPING	
109	4-046-172-01	NUT, HEXAGON HEAD	
110	4-843-806-00	STRIKE	
111	7-685-648-79	SCREW 93X12) TAPPING +BV	
112	4-054-376-01	WASHER (4)	
113	4-041-162-01	PIN RACK (4)	
114	4-838-438-02	LATCH (4)	
115	X-4033-016-1	BUCKLE ASSY	



SECTION 7

ELECTRICAL PARTS LIST

Note:

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

The components identified by \blacksquare in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

RESISTORS

- All resistors are in ohms
- F : nonflammable

CAPACITORS

MF : μ F UH : μ H

INDUCTORS

When indicating parts by reference number, please include the board name

REF.NO.	PART NO.	DESCRIPTION	REMARK		REF.NO.	PART NO.	DESCRIPTION	REMARK							
P —————															
* A-1195-103-A P BOARD, COMPLETE															
CAPACITOR															
C3301	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V	C3346	1-163-251-11	CERAMIC CHIP	100PF	5% 50V					
C3302	1-164-346-11	CERAMIC CHIP	1MF		16V	C3347	1-126-960-11	ELECT	1MF	20% 50V					
C3303	1-163-038-91	CERAMIC CHIP	0.1MF		25V	C3348	1-126-967-11	ELECT	47MF	20% 16V					
C3304	1-126-960-11	ELECT	1MF	20%	50V	C3349	1-163-121-00	CERAMIC CHIP	150PF	5% 50V					
C3305	1-163-038-91	CERAMIC CHIP	0.1MF		25V	C3350	1-164-004-11	CERAMIC CHIP	0.1MF	10% 25V					
C3306	1-126-967-11	ELECT	47MF	20%	16V	C3351	1-163-251-11	CERAMIC CHIP	100PF	5% 50V					
C3307	1-163-038-91	CERAMIC CHIP	0.1MF		25V	CONNECTOR									
C3308	1-163-231-11	CERAMIC CHIP	15PF	5%	50V	CN3301*	1-764-816-11	CONNECTOR, BOARD TO BOARD 20P							
C3309	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V	IC									
C3310	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V	IC3301	8-759-366-24	IC TDA8315T/N3A-T							
C3313	1-163-038-91	CERAMIC CHIP	0.1MF		25V	IC3302	8-759-231-53	IC TA7805S							
C3314	1-163-038-91	CERAMIC CHIP	0.1MF		25V	IC3303	8-759-438-61	IC SDA9288X-A141							
C3315	1-164-346-11	CERAMIC CHIP	1MF		16V	COIL									
C3319	1-163-031-11	CERAMIC CHIP	0.01MF		50V	L3301	1-408-413-00	INDUCTOR	22UH						
C3320	1-126-960-11	ELECT	1MF	20%	50V	L3302	1-410-473-11	INDUCTOR	18UH						
C3321	1-163-239-11	CERAMIC CHIP	33PF	5%	50V	L3303	1-408-418-00	INDUCTOR	56UH						
C3322	1-163-239-11	CERAMIC CHIP	33PF	5%	50V	TRANSISTOR									
C3323	1-163-031-11	CERAMIC CHIP	0.01MF		50V	Q3301	8-729-422-27	TRANSISTOR 2SD601A-Q							
C3324	1-126-967-11	ELECT	47MF	20%	16V	Q3305	8-729-216-22	TRANSISTOR 2SA1162-G							
C3325	1-163-038-91	CERAMIC CHIP	0.1MF		25V	Q3306	8-729-216-22	TRANSISTOR 2SA1162-G							
C3326	1-163-038-91	CERAMIC CHIP	0.1MF		25V	Q3307	8-729-216-22	TRANSISTOR 2SA1162-G							
C3327	1-163-038-91	CERAMIC CHIP	0.1MF		25V	Q3308	8-729-422-27	TRANSISTOR 2SD601A-Q							
C3328	1-126-967-11	ELECT	47MF	20%	16V	Q3310	8-729-422-27	TRANSISTOR 2SD601A-Q							
C3329	1-126-967-11	ELECT	47MF	20%	16V	Q3312	8-729-216-22	TRANSISTOR 2SA1162-G							
C3330	1-163-031-11	CERAMIC CHIP	0.01MF		50V	Q3313	8-729-422-27	TRANSISTOR 2SD601A-Q							
C3331	1-126-967-11	ELECT	47MF	20%	16V	RESISTOR									
C3332	1-104-664-11	ELECT	47MF	20%	25V	R3301	1-216-075-00	METAL GLAZE	12K	5% 1/10W					
C3333	1-164-695-11	CERAMIC CHIP	0.0022MF	5%	50V	R3302	1-216-043-91	METAL GLAZE	560	5% 1/10W					
C3334	1-163-031-11	CERAMIC CHIP	0.01MF		50V	R3303	1-216-295-91	CONDUCTOR, CHIP	(2012)						
C3335	1-163-038-91	CERAMIC CHIP	0.1MF		25V	R3304	1-216-043-91	METAL GLAZE	560	5% 1/10W					
C3336	1-163-038-91	CERAMIC CHIP	0.1MF		25V	R3306	1-215-882-00	METAL OXIDE	22	5% 2W F					
C3337	1-164-005-11	CERAMIC CHIP	0.47MF		25V	R3307	1-216-097-91	METAL GLAZE	100K	5% 1/10W					
C3338	1-163-141-00	CERAMIC CHIP	0.001MF	5%	50V	R3308	1-216-051-00	METAL GLAZE	1.2K	5% 1/10W					
C3340	1-163-031-11	CERAMIC CHIP	0.01MF		50V	R3309	1-216-051-00	METAL GLAZE	1.2K	5% 1/10W					

Note:

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

REF.NO.	PART NO.	DESCRIPTION		REMARK
R3310	1-216-689-11	METAL GLAZE	39K	5% 1/10W
R3311	1-216-689-11	METAL GLAZE	39K	5% 1/10W
R3312	1-216-037-00	METAL GLAZE	330	5% 1/10W
R3313	1-216-041-00	METAL GLAZE	470	5% 1/10W
R3314	1-216-041-00	METAL GLAZE	470	5% 1/10W
R3315	1-216-041-00	METAL GLAZE	470	5% 1/10W
R3316	1-216-053-00	METAL GLAZE	1.5K	5% 1/10W
R3319	1-216-053-00	METAL GLAZE	1.5K	5% 1/10W
R3321	1-216-053-00	METAL GLAZE	1.5K	5% 1/10W
R3322	1-216-065-00	METAL GLAZE	4.7K	5% 1/10W
R3323	1-216-065-00	METAL GLAZE	4.7K	5% 1/10W
R3324	1-216-065-00	METAL GLAZE	4.7K	5% 1/10W
R3326	1-216-037-00	METAL GLAZE	330	5% 1/10W
R3327	1-216-031-00	METAL GLAZE	180	5% 1/10W
R3328	1-216-037-00	METAL GLAZE	330	5% 1/10W
R3329	1-216-069-00	METAL GLAZE	6.8K	5% 1/10W
R3330	1-216-035-00	METAL GLAZE	270	5% 1/10W
R3331	1-216-073-00	METAL GLAZE	10K	5% 1/10W
R3332	1-216-041-00	METAL GLAZE	470	5% 1/10W
R3337	1-216-033-00	METAL GLAZE	220	5% 1/10W
R3338	1-216-033-00	METAL GLAZE	220	5% 1/10W
R3339	1-216-041-00	METAL GLAZE	470	5% 1/10W
R3340	1-216-041-00	METAL GLAZE	470	5% 1/10W
R3341	1-216-057-00	METAL GLAZE	2.2K	5% 1/10W
R3342	1-216-057-00	METAL GLAZE	2.2K	5% 1/10W
R3343	1-216-049-91	METAL GLAZE	1K	5% 1/10W
R3346	1-216-049-91	METAL GLAZE	1K	5% 1/10W
R3351	1-216-295-91	CONDUCTOR, CHIP	(2012)	
R3352	1-216-049-91	METAL GLAZE	1K	5% 1/10W
R3358	1-216-047-91	METAL GLAZE	820	5% 1/10W
R3359	1-216-047-91	METAL GLAZE	820	5% 1/10W
R3360	1-216-053-00	METAL GLAZE	1.5K	5% 1/10W
R3361	1-216-053-00	METAL GLAZE	1.5K	5% 1/10W
R3362	1-216-029-00	METAL GLAZE	150	5% 1/10W
R3363	1-216-031-00	METAL GLAZE	180	5% 1/10W
R3364	1-216-035-00	METAL GLAZE	270	5% 1/10W
R3365	1-216-105-91	METAL GLAZE	220K	5% 1/10W
R3366	1-216-105-91	METAL GLAZE	220K	5% 1/10W
R3367	1-216-095-00	METAL GLAZE	82K	5% 1/10W
R3368	1-216-103-00	METAL GLAZE	180K	5% 1/10W
R3369	1-216-101-00	METAL GLAZE	150K	5% 1/10W
R3370	1-216-041-00	METAL GLAZE	470	5% 1/10W
R3371	1-216-095-00	METAL GLAZE	82K	5% 1/10W
R3372	1-216-041-00	METAL GLAZE	470	5% 1/10W
R3373	1-216-035-00	METAL GLAZE	270	5% 1/10W

CRYSTAL

- X3301 1-567-505-11 OSCILLATOR, CRYSTAL
X3302 1-760-095-21 VIBRATOR, CRYSTAL

REF.NO.	PART NO.	DESCRIPTION	REMARK
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- * A-1297-720-A AV BOARD, COMPLETE (EXCEPT KV-32V26)
* A-1297-850-A AV BOARD, COMPLETE (KV-32V36)

CAPACITOR

C101	1-126-960-11	ELECT	1MF	20% 50V (except KV-32V26)
C102	1-164-161-11	CERAMIC CHIP	0.0022MF	10% 50V (except KV-32V26)
C104	1-126-964-11	ELECT	10MF	20% 50V (except KV-32V26)
C106	1-104-664-11	ELECT	47MF	20% 25V (except KV-32V26)
C108	1-126-933-11	ELECT	100MF	20% 16V (except KV-32V26)
C109	1-163-259-91	CERAMIC CHIP	220PF	5% 50V (except KV-32V26)
C110	1-104-760-11	CERAMIC CHIP	0.047MF	10% 50V (except KV-32V26)
C111	1-126-960-11	ELECT	1MF	20% 50V (except KV-32V26)
C113	1-126-934-11	ELECT	220MF	20% 16V (except KV-32V26)
C1902	1-126-964-11	ELECT	10MF	20% 50V
C1903	1-102-129-00	CERAMIC	0.01MF	10% 50V
C1904	1-102-129-00	CERAMIC	0.01MF	10% 50V
C1905	1-126-964-11	ELECT	10MF	20% 50V
C1906	1-102-129-00	CERAMIC	0.01MF	10% 50V
C1907	1-126-964-11	ELECT	10MF	20% 50V
C1908	1-102-074-00	CERAMIC	0.001MF	10% 50V
C1909	1-102-074-00	CERAMIC	0.001MF	10% 50V
C1910	1-164-232-11	CERAMIC CHIP	0.01MF	10% 50V
C1911	1-164-232-11	CERAMIC CHIP	0.01MF	10% 50V

CONNECTOR

CN101	1-573-301-21	CONNECTOR, BOARD TO BOARD 20P
CN102	1-573-979-21	CONNECTOR, BOARD TO BOARD 11P
CN103	* 1-564-507-11	PLUG, CONNECTOR 4P (except KV-32V26)
CN106	* 1-564-506-11	PLUG, CONNECTOR 3P

DIODE

D101	8-719-109-89	DIODE RD5.6ESB2 (except KV-32V26)
D103	8-719-991-33	DIODE 1SS133T-77
D104	8-719-991-33	DIODE 1SS133T-77 (except KV-32V26)

IC

IC1901	8-752-058-68	IC CXA1315M
IC1902	8-759-981-61	IC LM2901M
IC1903	8-759-356-27	IC NJM2129M-TE2

AV**Note:**

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and mark Δ are critical for safety.
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Note:

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<u>REF.NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>REMARK</u>	<u>REF.NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>REMARK</u>
<u>COIL</u>							
L102	1-410-470-11	INDUCTOR	10UH (except KV-32V26)	R1905	1-216-073-00	METAL GLAZE	10K 5% 1/10W
L105	1-408-421-00	INDUCTOR	100UH (except KV-32V26)	R1906	1-216-025-91	METAL GLAZE	100 5% 1/10W
<u>TRANSISTOR</u>							
Q101	8-729-119-78	TRANSISTOR 2SC2785-HFE	(except KV-32V26)	R1907	1-216-089-91	METAL GLAZE	47K 5% 1/10W
Q103	8-729-216-22	TRANSISTOR 2SA1162-G	(except KV-32V26)	R1908	1-216-073-00	METAL GLAZE	10K 5% 1/10W
Q104	8-729-216-22	TRANSISTOR 2SA1162-G	(except KV-32V26)	R1909	1-216-041-00	METAL GLAZE	470 5% 1/10W
Q105	8-729-216-22	TRANSISTOR 2SA1162-G	(except KV-32V26)	R1910	1-216-073-00	METAL GLAZE	10K 5% 1/10W
Q1901	8-729-216-22	TRANSISTOR 2SA1162-G		R1911	1-216-073-00	METAL GLAZE	10K 5% 1/10W
Q1902	8-729-216-22	TRANSISTOR 2SA1162-G		R1915	1-216-073-00	METAL GLAZE	10K 5% 1/10W
Q1906	8-729-216-22	TRANSISTOR 2SA1162-G		R1916	1-216-073-00	METAL GLAZE	10K 5% 1/10W
Q1908	8-729-216-22	TRANSISTOR 2SA1162-G		R1922	1-216-043-91	METAL GLAZE	560 5% 1/10W
Q1911	8-729-422-27	TRANSISTOR 2SD601A-Q		R1923	1-216-043-91	METAL GLAZE	560 5% 1/10W
Q1912	8-729-422-27	TRANSISTOR 2SD601A-Q		R1928	1-216-041-00	METAL GLAZE	470 5% 1/10W
Q1914	8-729-216-22	TRANSISTOR 2SA1162-G		R1929	1-216-089-91	METAL GLAZE	47K 5% 1/10W
Q1916	8-729-422-27	TRANSISTOR 2SD601A-Q		R1930	1-216-073-00	METAL GLAZE	10K 5% 1/10W
Q1917	8-729-422-27	TRANSISTOR 2SD601A-Q		R1931	1-216-025-91	METAL GLAZE	100 5% 1/10W
Q1918	8-729-422-27	TRANSISTOR 2SD601A-Q		R1932	1-216-073-00	METAL GLAZE	10K 5% 1/10W
Q1919	8-729-422-27	TRANSISTOR 2SD601A-Q		R1934	1-216-097-91	METAL GLAZE	100K 5% 1/10W
<u>RESISTOR</u>							
R101	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W (except KV-32V26)	R1935	1-216-295-91	CONDUCTOR, CHIP	(2012)
R102	1-216-083-00	METAL GLAZE	27K 5% 1/10W (except KV-32V26)	R1936	1-208-804-11	METAL GLAZE	8.2K 0.50% 1/10W
R103	1-216-689-11	METAL GLAZE	39K 5% 1/10W (except KV-32V26)	R1937	1-208-790-11	METAL GLAZE	2.2K 0.50% 1/10W
R104	1-216-045-00	METAL GLAZE	680 5% 1/10W (except KV-32V26)	R1940	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R106	1-216-081-00	METAL GLAZE	22K 5% 1/10W (except KV-32V26)	R2901	1-208-808-11	METAL GLAZE	12K 0.50% 1/10W
R107	1-216-081-00	METAL GLAZE	22K 5% 1/10W (except KV-32V26)	R2903	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R108	1-216-081-00	METAL GLAZE	22K 5% 1/10W (except KV-32V26)	R2904	1-216-033-00	METAL GLAZE	220 5% 1/10W
R109	1-216-081-00	METAL GLAZE	22K 5% 1/10W (except KV-32V26)	R2905	1-216-033-00	METAL GLAZE	220 5% 1/10W
R112	1-249-421-11	CARBON	2.2K 5% 1/4W (except KV-32V26)	R2906	1-216-033-00	METAL GLAZE	220 5% 1/10W
R113	1-216-097-91	METAL GLAZE	100K 5% 1/10W (except KV-32V26)	R2907	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R114	1-216-121-91	METAL GLAZE	1M 5% 1/10W (except KV-32V26)	R2908	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R115	1-216-073-00	METAL GLAZE	10K 5% 1/10W (except KV-32V26)	R2909	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R116	1-216-073-00	METAL GLAZE	10K 5% 1/10W (except KV-32V26)	R2910	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R117	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W (except KV-32V26)	R2911	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W
R1904	1-216-073-00	METAL GLAZE	10K 5% 1/10W	R2912	1-249-425-11	CARBON	4.7K 5% 1/4W
<u>TUNER</u>							
TU101 Δ 8-598-339-00 TUNER BTF-LA402 (except KV-32V26)							

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A

REF.NO.	PART NO.	DESCRIPTION	REMARK		
A					
		* A-1298-062-A A BOARD COMPLETE (KV-32V26)			
		* A-1298-082-A A BOARD COMPLETE (KV-32V36/34V36C)			
		* A-1298-087-A A BOARD COMPLETE (KV-35V36/37V36M)			
		* A-1298-088-A A BOARD COMPLETE (KV-35V76)			
		* 4-051-927-01 CASE, SHIELD			
		4-382-854-11 SCREW (M3X10), P, SW (+)			
CAPACITOR					
C001	1-163-259-91	CERAMIC CHIP	220PF	5%	50V
C003	1-104-760-11	CERAMIC CHIP	0.047MF	10%	50V
C005	1-126-960-11	ELECT	1MF	20%	50V
C009	1-126-967-11	ELECT	47MF	20%	50V
C010	1-163-033-91	CERAMIC CHIP	0.022MF		50V
C012	1-216-033-00	METAL GLAZE	220	5%	1/10W
C013	1-216-121-91	METAL GLAZE	1M	5%	1/10W
C014	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V
C023	1-163-259-91	CERAMIC CHIP	220PF	5%	50V
C028	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V
C029	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V
C030	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C035	1-163-237-11	CERAMIC CHIP	27PF	5%	50V
C036	1-163-231-11	CERAMIC CHIP	15PF	5%	50V
C037	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C038	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C039	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C040	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C051	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V
C053	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C056	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C061	1-163-033-91	CERAMIC CHIP	0.022MF	50V	
C062	1-163-033-91	CERAMIC CHIP	0.022MF	50V	
C063	1-126-935-11	ELECT	470MF	20%	16V
C071	1-164-096-11	CERAMIC	0.01MF	50V	
C072	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V
C075	1-107-823-11	CERAMIC CHIP	0.47MF	10%	16V
C353	1-163-231-11	CERAMIC CHIP	15PF	5%	50V
C354	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C355	1-126-959-11	ELECT	0.47MF	20%	50V
C356	1-126-963-11	ELECT	4.7MF	20%	50V
C357	1-126-959-11	ELECT	0.47MF	20%	50V
C358	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C359	1-126-933-11	ELECT	100MF	20%	16V
C363	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C364	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C365	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C366	1-137-399-11	FILM	0.1MF	5%	50V

REF.NO.	PART NO.	DESCRIPTION	REMARK		
C367	1-137-399-11	FILM	0.1MF	5%	50V
C368	1-137-399-11	FILM	0.1MF	5%	50V
C369	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C370	1-163-037-11	CERAMIC CHIP	0.022MF	10%	50V
C371	1-163-141-00	CERAMIC CHIP	0.001MF	5%	50V
C372	1-126-959-11	ELECT	0.47MF	20%	50V
C373	1-126-960-11	ELECT	1MF	20%	50V
C376	1-126-964-11	ELECT	10MF	20%	50V
C377	1-137-399-11	FILM	0.1MF	5%	50V
C378	1-136-244-11	FILM	0.1MF	5%	50V
C379	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C380	1-126-935-11	ELECT	470MF	20%	16V
C381	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C383	1-137-399-11	FILM	0.1MF	5%	50V
C385	1-164-182-11	CERAMIC CHIP	0.0033MF	10%	50V
C386	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C387	1-126-961-11	ELECT	2.2MF	20%	50V
C388	1-126-959-11	ELECT	0.47MF	20%	50V
C390	1-126-960-11	ELECT	1MF	20%	50V
C391	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C392	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C461	1-126-964-11	ELECT	10MF	20%	50V
C461	1-126-964-11	ELECT	(KV-32V26/35V36/37V36M/35V76)		
C461	1-126-964-11	ELECT	33MF	20%	25V
C462	1-126-961-11	ELECT	(KV-32V36/34V36C)		
C462	1-126-961-11	ELECT	2.2MF	20%	50V
C463	1-126-961-11	ELECT	2.2MF	20%	50V
C464	1-163-017-00	CERAMIC CHIP	.0047MF	10%	50V
C466	1-104-666-11	ELECT	220MF	20%	25V
C467	1-163-017-00	CERAMIC CHIP	.0047MF	10%	50V
C468	1-104-664-11	ELECT	(KV-32V36/34V36C)		
C468	1-104-664-11	ELECT	47MF	20%	25V
C470	1-126-961-11	ELECT	2.2MF	20%	50V
C471	1-104-666-11	ELECT	220MF	20%	25V
C472	1-136-173-00	FILM	0.47MF	5%	50V
C473	1-136-169-00	FILM	0.22MF	5%	50V
C474	1-126-942-61	ELECT	1000MF	20%	25V
C475	1-136-169-00	FILM	0.22MF	5%	50V
C476	1-126-942-61	ELECT	(KV-32V36/35V36/37V36M)		
C477	1-126-942-61	ELECT	1000MF	20%	25V
C478	1-126-934-11	ELECT	(KV-32V36/34V36C/35V76)		
C478	1-126-934-11	ELECT	220MF	20%	16V
C478	1-126-965-11	ELECT	(KV-35V36/37V36M)		
C479	1-126-964-11	ELECT	10MF	20%	50V
C479	1-126-961-11	ELECT	(KV-35V76)		
C479	1-126-961-11	ELECT	2.2MF	20%	50V
C479	1-126-961-11	ELECT	(KV-35V36/37V36M)		

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<u>REF.NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>REMARK</u>			<u>REF.NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>REMARK</u>			
C501	1-102-110-00	CERAMIC	220PF	10%	50V	C547	1-106-343-00	MYLAR	0.001MF	10%	100V	
C502	1-126-959-11	ELECT	0.47MF	20%	50V	C551	1-163-037-11	CERAMIC CHIP	0.022MF	10%	50V	
C503	1-163-003-11	CERAMIC CHIP	330PF	10%	50V	C561	1-126-967-11	ELECT	47MF	20%	50V	
C504	1-102-212-00	CERAMIC	820PF	10%	500V	C563	1-126-923-11	ELECT	220MF	20%	10V	
C505	1-102-002-00	CERAMIC	680PF	10%	500V	C564	1-126-960-11	ELECT	1MF	20%	50V	
C506	1-106-383-00	MYLAR	0.047MF	10%	200V	C565	1-126-969-11	ELECT	220MF	20%	50V	
C507 Δ	1-162-116-00	CERAMIC	680PF	10%	2KV	C566	1-126-964-11	ELECT	10MF	20%	50V	
C508	1-102-244-00	CERAMIC	220PF	10%	500V	C568	1-136-169-00	FILM	0.22MF	5%	50V	
C509	1-162-116-00	CERAMIC	680PF	10%	2KV	C571	1-104-664-11	ELECT	47MF	20%	25V	
C510	1-137-150-11	MYLAR	0.01MF	10%	100V						(KV-32V26/32V36/34V36C)	
C511 Δ	1-115-460-11	FILM	0.022MF	3%	1.2KV	C1002	1-126-964-11	ELECT	10MF	20%	50V	
C513 Δ	1-129-720-00	FILM	0.033MF	5%	630V	C1101	1-126-768-11	ELECT	2200MF	20%	16V	
				(KV-35V36/37V36M/35V76)			C1103	1-126-965-11	ELECT	22MF	20%	50V
C513 Δ	1-130-895-00	FILM	0.056MF	5%	400V	C1104	1-126-967-11	ELECT	47MF	20%	16V	
				(KV-32V26/32V36M/34V36C)			C1105	1-126-967-11	ELECT	47MF	20%	16V
C514 Δ	1-136-540-11	FILM	0.82MF	5%	200V	C1106	1-126-964-11	ELECT	10MF	20%	50V	
				(KV-35V36/37V36M/35V76)			C1107	1-163-037-11	CERAMIC CHIP	0.022MF	10%	50V
C514 Δ	1-104-844-11	FILM	0.62MF	5%	200V	C1108	1-126-960-11	ELECT	1MF	20%	50V	
				(KV-32V26/32V36M/34V36C)			C1109	1-126-964-11	ELECT	10MF	20%	50V
C515	1-106-343-00	MYLAR	0.001MF	10%	100V	C1110	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V	
C516	1-115-461-11	FILM	2MF	5%	200V	C1111	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V	
C517	1-107-649-11	ELECT	2.2MF	20%	250V	C1112	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V	
C518	1-106-395-00	MYLAR	0.15MF	10%	200V	C1244	1-126-959-11	ELECT	0.47MF	20%	50V	
C519	1-162-815-11	CERAMIC	47PF	5%	500V	C1245	1-126-959-11	ELECT	0.47MF	20%	50V	
C520	1-164-645-11	CERAMIC	1000PF	10%	500V	C1351	1-163-251-11	CERAMIC CHIP	100PF	5%	50V	
C521	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V	C1352	1-126-933-11	ELECT	100MF	20%	16V	
C522	1-126-960-11	ELECT	1MF	20%	50V	C1353	1-163-037-11	CERAMIC CHIP	0.022MF	10%	50V	
C525	1-102-244-00	CERAMIC	220PF	10%	500V	C1354	1-216-295-91	CONDUCTOR, CHIP	(2012)			
C526	1-107-662-11	ELECT	22MF	20%	250V	C1401	1-126-959-11	ELECT	0.47MF	20%	50V	
C527	1-162-116-00	CERAMIC	680PF	10%	2KV	C1402	1-126-964-11	ELECT	10MF	20%	50V	
C528	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V	C1403	1-126-959-11	ELECT	0.47MF	20%	50V	
C529	1-128-551-11	ELECT	22MF	20%	25V	C1404	1-165-319-11	CERAMIC CHIP	0.1MF	50V		
C530	1-137-366-11	FILM	0.0022MF	5%	50V	C1405	1-165-319-11	CERAMIC CHIP	0.1MF	50V		
C531	1-126-965-11	ELECT	22MF	20%	50V	C1406	1-165-319-11	CERAMIC CHIP	0.1MF	50V		
C532	1-126-965-11	ELECT	22MF	20%	50V	C1407	1-165-319-11	CERAMIC CHIP	0.1MF	50V		
C537	1-126-942-61	ELECT	1000MF	20%	25V	C1408	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V	
				(KV-35V36/37V36M/35V76)			C1408	1-164-182-11	CERAMIC CHIP	0.0033MF	10%	50V
C537	1-126-941-11	ELECT	470MF	20%	25V					(KV-32V26/32V36/34V36C)		
C539 Δ	1-107-914-11	ELECT	1000MF	20%	25V	C1409	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V	
				(KV-35V36/37V36M/35V76)			C1409	1-164-182-11	CERAMIC CHIP	0.0033MF	10%	50V
C539 Δ	1-126-935-11	ELECT	470MF	20%	16V					(KV-32V26/32V36/34V36C)		
				(KV-32V26/32V36/34V36C)			C1410	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V
C540	1-123-024-21	ELECT	33MF		160V					(KV-32V26/32V36/35V36/35V76/37V36M)		
C541	1-128-560-11	ELECT	22MF	20%	100V	C1410	1-164-182-11	CERAMIC CHIP	0.0033MF	10%	50V	
C542	1-106-383-00	MYLAR	0.047MF	10%	200V					(KV-32V26/32V36/34V36C)		
				(KV-35V36/37V36M/35V76)			C1411	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V
C543	1-162-131-11	CERAMIC	220PF	10%	2KV					(KV-32V26/32V36/35V36/35V76/37V36M)		
				(KV-35V36/37V36M/35V76)			C1408	1-164-182-11	CERAMIC CHIP	0.0033MF	10%	50V
C545	1-106-387-00	MYLAR	0.068MF	10%	200V					(KV-32V26/32V36/34V36C)		
C546	1-106-343-00	MYLAR	0.001MF	10%	100V					(KV-32V26/32V36/34V36C)		

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<u>REF.NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>REMARK</u>			<u>REF.NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>REMARK</u>
C1412	1-126-961-11	ELECT	2.2MF	20%	50V	D507	8-719-991-33	DIODE 1SS133T-77	
C1413	1-126-961-11	ELECT	2.2MF	20%	50V	D515	8-719-302-43	DIODE EL1Z	
C1414	1-164-489-11	CERAMIC CHIP	0.22MF	10%	16V	D516	8-719-991-33	DIODE 1SS133T-77	
C1415	1-126-965-11	ELECT	22MF	20%	50V	D518	8-719-991-33	DIODE 1SS133T-77	
C1416	1-126-933-11	ELECT	100MF	20%	16V	D519 Δ	8-719-302-43	DIODE EL1Z	
C1417	1-126-767-11	ELECT	1000MF	20%	16V	D520	8-719-991-33	DIODE 1SS133T-77	
C1420	1-164-005-11	CERAMIC CHIP	0.47MF		25V	D521	8-719-921-63	DIODE MTZJ-7.5B	
C1501	1-115-462-11	FILM	0.12MF	5%	200V	D530	8-719-979-85	DIODE EGP20G	
			(KV-32V26/32V36/34V36C)			D531	8-719-979-85	DIODE EGP20G	
			<u>CONNECTOR</u>			D534	8-719-302-43	DIODE EL1Z	
CN270	1-573-298-11	CONNECTOR, BOARD TO BOARD 20P				D535	8-719-028-72	DIODE RGP02-17PKG23	
CN271	1-573-978-21	CONNECTOR, BOARD TO BOARD 11P						(KV-35V36/37V36M/35V76)	
CN351	* 1-564-509-11	PLUG, CONNECTOR 6P				D561	8-719-908-03	DIODE GP08D	
CN461	* 1-564-510-11	PLUG, CONNECTOR 7P (KV-32V36/34V36C/35V76)				D562	8-719-991-33	DIODE 1SS133T-77	
CN461	* 1-564-507-11	PLUG, CONNECTOR 4P (KV-32V26/35V36/37V36M)				D1102	8-719-982-24	DIODE MTZJ-33A	
CN501	* 1-580-798-11	CONNECTOR PIN (DY) 6P				D1103	8-719-109-89	DIODE RD5.6ESB2	
CN502	* 1-508-784-00	PIN, CONNECTOR (5MM PITCH) 1P				D1248	8-719-981-99	DIODE MTZJ-3.3	
			(KV-35V36/37V36M/35V76)			D1263	8-719-110-17	DIODE RD10ESB2	
CN503	* 1-564-507-11	PLUG, CONNECTOR 4P				D1264	8-719-110-17	DIODE RD10ESB2	
CN1001	* 1-564-512-11	PLUG, CONNECTOR 9P						<u>FERRITE BEAD</u>	
CN1101	1-573-298-11	CONNECTOR, BOARD TO BOARD 20P				FB501	1-410-396-41	FERRITE BEAD INDUCTOR	0.45UH
						FB502	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH
						FB503	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH
								<u>IC</u>	
CN3001	1-573-298-11	CONNECTOR, BOARD TO BOARD 20P				IC001	8-752-880-88	IC CXP85840-002S	
						IC002	8-759-354-28	IC ST24C02FM6TR	
						IC351	8-752-076-76	IC CXA2025AS	
						IC461	8-759-980-43	IC TDA2009A	
						IC501	8-759-700-07	IC NJM2903M	
						IC561	8-759-192-71	IC STV9379	(KV-35V36/37V36M/35V76)
						IC561	8-759-980-58	IC STV9379	(KV-32V26/32V36/34V36C)
						IC1001	8-752-058-68	IC CXA1315M	
						IC1401	8-759-369-39	IC BH3856FS-E2	
						IC1402	8-759-100-96	IC UPC4558G2	
								<u>CHIP CONDUCTOR</u>	
						JR001	1-216-295-91	CONDUCTOR, CHIP	(2012)
						JR164	1-216-295-91	CONDUCTOR, CHIP	(2012)
						JR165	1-216-295-91	CONDUCTOR, CHIP	(2012)
						JR240	1-216-295-91	CONDUCTOR, CHIP	(2012)
						JR501	1-216-295-91	CONDUCTOR, CHIP	(2012)
								(KV-32V26/32V36/34V36C)	
						JR1351	1-216-295-91	CONDUCTOR, CHIP	(2012)
						JR1352	1-216-295-91	CONDUCTOR, CHIP	(2012)
						JR4101	1-216-295-91	CONDUCTOR, CHIP	(2012)
						JR4108	1-216-295-91	CONDUCTOR, CHIP	(2012)
						JR4110	1-216-295-91	CONDUCTOR, CHIP	(2012)

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<u>REF.NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>REMARK</u>	<u>REF.NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>REMARK</u>				
JR4114	1-216-295-91	CONDUCTOR, CHIP	(2012)	Q462	8-729-216-22	TRANSISTOR 2SA1162-G					
JR4116	1-216-295-91	CONDUCTOR, CHIP	(2012)	Q501	8-729-140-50	TRANSISTOR 2SC3209LK					
JR4120	1-216-295-91	CONDUCTOR, CHIP	(2012)	Q502 Δ	8-729-035-75	TRANSISTOR 2SC5148 (LBSONY)					
<u>COIL</u>											
L001	1-408-421-00	INDUCTOR	100UH	Q551	8-729-216-22	TRANSISTOR 2SA1162-G					
L002	1-408-421-00	INDUCTOR	100UH	Q552	8-729-422-27	TRANSISTOR 2SD601A-Q					
L003	1-410-470-11	INDUCTOR	10UH	Q561	8-729-422-27	TRANSISTOR 2SD601A-Q					
L004	1-410-470-11	INDUCTOR	10UH	Q562	8-729-422-27	TRANSISTOR 2SD601A-Q					
L352	1-412-537-31	INDUCTOR	100UH	Q563	8-729-105-08	TRANSISTOR 2SA1330-O6					
L461	1-408-424-00	INDUCTOR	180UH	(KV-35V76)	Q1102	8-729-119-78	TRANSISTOR 2SC2785-HFE				
L461	1-408-425-00	INDUCTOR	220UH	(KV-35V36/37V36M)	Q1103	8-729-422-27	TRANSISTOR 2SD601A-Q				
L461	1-408-418-00	INDUCTOR	56UH	(KV-32V36/34V36C)	Q1231	8-729-422-27	TRANSISTOR 2SD601A-Q				
L461	1-410-472-41	INDUCTOR	15UH	(KV-32V26)	Q1232	8-729-422-27	TRANSISTOR 2SD601A-Q				
L501 Δ	1-409-861-11	COIL, HORIZONTAL LINEARITY		<u>RESISTOR</u>							
L502	1-412-552-11	INDUCTOR	2.2MMH	R001	1-216-045-00	METAL GLAZE	680	5%	1/10W		
L503	1-406-677-11	COIL, CHOKE	10MMH	R002	1-247-815-91	CARBON	220	5%	1/4W		
L511	1-406-607-11	COIL, CHOKE	15MMH	R003	1-216-097-91	METAL GLAZE	100K	5%	1/10W		
L517	1-412-552-11	INDUCTOR	2.2MMH	R004	1-216-121-91	METAL GLAZE	1M	5%	1/10W		
L541	1-406-677-11	COIL, CHOKE	10MMH	R005	1-247-815-91	CARBON	220	5%	1/4W		
			(KV-35V36/37V36M/35V76)	R006	1-247-815-91	CARBON	220	5%	1/4W		
L1101	1-408-421-00	INDUCTOR	100UH	R007	1-216-073-00	METAL GLAZE	10K	5%	1/10W		
L1102	1-410-470-11	INDUCTOR	10UH	R008	1-247-815-91	CARBON	220	5%	1/4W		
L1401	1-410-494-11	INDUCTOR	1MMH	R009	1-216-073-00	METAL GLAZE	10K	5%	1/10W		
<u>IC LINK</u>											
PS461 Δ	1-532-984-11	LINK, IC 2A/90V		R010	1-216-037-00	METAL GLAZE	330	5%	1/10W		
<u>TRANSISTOR</u>											
Q001	8-729-216-22	TRANSISTOR 2SA1162-G		R011	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W		
Q002	8-729-422-27	TRANSISTOR 2SD601A-Q		R012	1-216-033-00	METAL GLAZE	220	5%	1/10W		
Q003	8-729-422-27	TRANSISTOR 2SD601A-Q		R013	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W		
Q004	8-729-216-22	TRANSISTOR 2SA1162-G		R014	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W		
Q010	8-729-422-27	TRANSISTOR 2SD601A-Q		R015	1-216-073-00	METAL GLAZE	10K	5%	1/10W		
Q011	8-729-422-27	TRANSISTOR 2SD601A-Q		R016	1-216-073-00	METAL GLAZE	10K	5%	1/10W		
Q012	8-729-422-27	TRANSISTOR 2SD601A-Q		R019	1-249-425-11	CARBON	4.7K	5%	1/4W		
Q013	8-729-422-27	TRANSISTOR 2SD601A-Q		R020	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W		
Q014	8-729-422-27	TRANSISTOR 2SD601A-Q		R022	1-249-429-11	CARBON	10K	5%	1/4W		
Q015	8-729-422-27	TRANSISTOR 2SD601A-Q		R023	1-216-089-91	METAL GLAZE	47K	5%	1/10W		
Q016	8-729-422-27	TRANSISTOR 2SD601A-Q		R025	1-163-010-11	CERAMIC CHIP	0.0012MF	10%	50V		
Q017	8-729-216-22	TRANSISTOR 2SA1162-G		R026	1-163-038-91	CERAMIC CHIP	0.1MF		25V		
Q301	8-729-216-22	TRANSISTOR 2SA1162-G		R028	1-249-417-11	CARBON	1K	5%	1/4W		
Q302	8-729-216-22	TRANSISTOR 2SA1162-G		R029	1-216-025-91	METAL GLAZE	100	5%	1/10W		
Q303	8-729-216-22	TRANSISTOR 2SA1162-G		R030	1-249-425-11	CARBON	4.7K	5%	1/4W		
Q354	8-729-422-27	TRANSISTOR 2SD601A-Q		R031	1-247-815-91	CARBON	220	5%	1/4W		
Q356	8-729-216-22	TRANSISTOR 2SA1162-G		R032	1-247-815-91	CARBON	220	5%	1/4W		
Q357	8-729-422-27	TRANSISTOR 2SD601A-Q (EXCEPT KV-32V26)		R034	1-247-815-91	CARBON	220	5%	1/4W		
Q358	8-729-422-27	TRANSISTOR 2SD601A-Q		R035	1-247-815-91	CARBON	220	5%	1/4W		
Q461	8-729-422-27	TRANSISTOR 2SD601A-Q		R036	1-216-049-91	METAL GLAZE	1K	5%	1/10W		
				R037	1-216-049-91	METAL GLAZE	1K	5%	1/10W		
				R038	1-216-049-91	METAL GLAZE	1K	5%	1/10W		
				R039	1-247-807-31	CARBON	100	5%	1/4W		

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R040	1-247-815-91	CARBON	220 5% 1/4W	R136	1-216-073-00	METAL GLAZE	10K 5% 1/10W	
R041	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W	R137	1-216-033-00	METAL GLAZE	220 5% 1/10W	
R042	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W	R353	1-208-786-11	METAL GLAZE	1.5K 0.50% 1/10W	
R043	1-216-049-91	METAL GLAZE	1K 5% 1/10W	R354	1-216-077-00	METAL GLAZE	15K 5% 1/10W	
R045	1-247-815-91	CARBON	220 5% 1/4W	R355	1-216-033-00	METAL GLAZE	220 5% 1/10W	
R044	1-216-049-91	METAL GLAZE	1K 5% 1/10W	R356	1-216-033-00	METAL GLAZE	220 5% 1/10W	
R046	1-247-815-91	CARBON	220 5% 1/4W	R358	1-247-815-91	CARBON	220 5% 1/4W	
R047	1-249-417-11	CARBON	1K 5% 1/4W	R359	1-247-815-91	CARBON	220 5% 1/4W	
R048	1-249-417-11	CARBON	1K 5% 1/4W	R360	1-247-815-91	CARBON	220 5% 1/4W	
R049	1-249-417-11	CARBON	1K 5% 1/4W	R361	1-216-025-91	METAL GLAZE	100 5% 1/10W	
R050	1-247-815-91	CARBON	220 5% 1/4W	R362	1-216-025-91	METAL GLAZE	100 5% 1/10W	
R051	1-247-815-91	CARBON	220 5% 1/4W	R363	1-216-025-91	METAL GLAZE	100 5% 1/10W	
R052	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W	R364	1-216-101-00	METAL GLAZE	150K 5% 1/10W	
R053	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W	R365	1-216-101-00	METAL GLAZE	150K 5% 1/10W	
R054	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W	R366	1-216-089-91	METAL GLAZE	47K 5% 1/10W	
R055	1-216-097-91	METAL GLAZE	100K 5% 1/10W	R367	1-216-097-91	METAL GLAZE	100K 5% 1/10W	
R056	1-216-033-00	METAL GLAZE	220 5% 1/10W	R368	1-249-441-11	CARBON	100K 5% 1/4W	
R057	1-249-417-11	CARBON	1K 5% 1/4W	R369	1-216-097-91	METAL GLAZE	100K 5% 1/10W	
R058	1-216-033-00	METAL GLAZE	220 5% 1/10W	R370	1-249-417-11	CARBON	1K 5% 1/4W	
R064	1-247-815-91	CARBON	220 5% 1/4W	(KV-32V36/34V36C/35V36/37V36M/35V76)				
R065	1-247-815-91	CARBON	220 5% 1/4W	R371	1-216-053-00	METAL GLAZE	1.5K 5% 1/10W	
R066	1-247-815-91	CARBON	220 5% 1/4W	(KV-32V36/34V36C/35V36/37V36M/35V76)				
R067	1-249-413-11	CARBON	470 5% 1/4W	R372	1-216-113-00	METAL GLAZE	470K 5% 1/10W	
R068	1-247-815-91	CARBON	220 5% 1/4W	R373	1-216-073-00	METAL GLAZE	10K 5% 1/10W	
R069	1-247-815-91	CARBON	220 5% 1/4W	R374	1-216-125-00	METAL GLAZE	1.5M 5% 1/10W	
R070	1-247-815-91	CARBON	220 5% 1/4W	R375	1-216-025-91	METAL GLAZE	100 5% 1/10W	
R071	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W	R376	1-216-073-00	METAL GLAZE	10K 5% 1/10W	
R072	1-216-033-00	METAL GLAZE	220 5% 1/10W	R379	1-216-033-00	METAL GLAZE	220 5% 1/4W	
R073	1-216-033-00	METAL GLAZE	220 5% 1/10W	R380	1-247-815-91	CARBON	220 5% 1/4W	
R074	1-216-033-00	METAL GLAZE	220 5% 1/10W	R381	1-247-815-91	CARBON	220 5% 1/4W	
R075	1-216-033-00	METAL GLAZE	220 5% 1/10W	R382	1-216-033-00	METAL GLAZE	220 5% 1/10W	
R076	1-216-033-00	METAL GLAZE	220 5% 1/10W	R383	1-216-049-91	METAL GLAZE	1K 5% 1/10W	
R077	1-216-033-00	METAL GLAZE	220 5% 1/10W	R384	1-216-109-00	METAL GLAZE	330K 5% 1/10W	
R078	1-249-417-11	CARBON	1K 5% 1/4W	R385	1-249-422-11	CARBON	2.7K 5% 1/4W	
R079	1-216-033-00	METAL GLAZE	220 5% 1/10W	R386	1-216-049-91	METAL GLAZE	1K 5% 1/10W	
R080	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W	R387	1-216-049-91	METAL GLAZE	1K 5% 1/10W	
R081	1-216-025-91	METAL GLAZE	100 5% 1/10W	R388	1-216-089-91	METAL GLAZE	47K 5% 1/10W	
R082	1-216-025-91	METAL GLAZE	100 5% 1/10W	R389	1-216-067-00	METAL GLAZE	5.6K 5% 1/10W	
R083	1-249-429-11	CARBON	10K 5% 1/4W	R390	1-216-035-00	METAL GLAZE	270 5% 1/10W	
R084	1-216-049-91	METAL GLAZE	1K 5% 1/10W	R391	1-208-810-11	METAL GLAZE	15K 0.50% 1/10W	
R087	1-247-815-91	CARBON	220 5% 1/4W	R392	1-216-025-91	METAL GLAZE	100 5% 1/10W	
R090	1-216-033-00	METAL GLAZE	220 5% 1/10W	R393	1-216-043-91	METAL GLAZE	560 5% 1/10W	
R092	1-249-429-11	CARBON	10K 5% 1/4W	R394	1-216-059-00	METAL GLAZE	2.7K 5% 1/10W	
R097	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W	R395	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W	
R099	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W	R396	1-249-417-11	CARBON	1K 5% 1/4W	
(KV-32V36/34V36C/35V36/37V36M/35V76)								
R131	1-216-035-00	METAL GLAZE	270 5% 1/10W	R397	1-249-425-11	CARBON	4.7K 5% 1/4W	
R132	1-216-115-00	METAL GLAZE	560K 5% 1/10W	R461	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W	
R133	1-216-039-00	METAL GLAZE	390 5% 1/10W	R462	1-216-089-91	METAL GLAZE	47K 5% 1/10W	
R135	1-216-073-00	METAL GLAZE	10K 5% 1/10W					



Note:

The components identified by **☒** in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

Note:

The components identified by shading and mark **△** are critical for safety. Replace only with part number specified.

REF.NO.	PART NO.	DESCRIPTION	REMARK			REF.NO.	PART NO.	DESCRIPTION	REMARK		
R463	1-249-435-11	CARBON	33K	5%	1/4W	R515	1-216-083-00	METAL GLAZE	27K	5%	1/10W
R464	1-216-097-91	METAL GLAZE	100K	5%	1/10W	R516	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R465	1-249-413-11	CARBON	470	5%	1/4W	R517	1-249-415-11	CARBON	680	5%	1/4W
R466	1-249-382-11	CARBON	1.2	5%	1/4W F (KV-32V26/32V36/34V36C)	R518	1-216-073-00	METAL GLAZE	10K	5%	1/10W
						R519	1-249-411-11	CARBON	330	5%	1/4W
R467	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W	R523	1-216-071-00	METAL GLAZE	8.2K	5%	1/10W (KV-35V36/37V36M/35V76)
R469	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W (KV-32V36/34V36C/35V76)	R523	1-216-073-00	METAL GLAZE	10K	5%	1/10W (KV-32V26/32V36/34V36C)
R469	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W (KV-35V36/37V36M)	R524	1-249-429-11	CARBON	10K	5%	1/4W
R469	1-216-055-00	METAL GLAZE	1.8K	5%	1/10W (KV-32V26)	R525	1-216-071-00	METAL GLAZE	8.2K	5%	1/10W
R470	1-216-077-00	METAL GLAZE	15K	5%	1/10W (KV-32V36/34V36C)	R528	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R471	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W	R529	1-208-812-11	METAL GLAZE	18K	0.50%	1/10W (KV-35V36/37V36M/35V76)
R472	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W (KV-32V36/34V36C/35V76)	R529	1-208-814-11	METAL GLAZE	22K	0.50%	1/10W (KV-32V26/32V36/34V36C)
R472	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W (KV-35V36/37V36M)	☒ R530 △	METAL GLAZE				1/10W
R472	1-216-055-00	METAL GLAZE	1.8K	5%	1/10W (KV-32V26)	☒ R531 △	METAL GLAZE				1/10W (KV-35V36/37V36M/35V76)
R473	1-249-398-11	CARBON	27	5%	1/4W	☒ R531 △	METAL GLAZE				1/10W (KV-32V26/32V36/34V36C)
R474	1-216-077-00	METAL GLAZE	15K	5%	1/10W (KV-32V36/34V36C)	R532	1-208-760-11	METAL GLAZE	120	0.50%	1/10W
R475	1-249-430-11	CARBON	12K	5%	1/4W	R533 △	1-215-878-00	METAL OXIDE	33K	5%	1W F (KV-35V36/37V36M/35V76)
R476	1-249-430-11	CARBON	12K	5%	1/4W	R533 △	1-215-902-11	METAL OXIDE	47K	5%	1W F (KV-32V26/32V36/34V36C)
R477	1-249-398-11	CARBON	27	5%	1/4W	R535	1-216-101-00	METAL GLAZE	150K	5%	1/10W
R478	1-249-418-11	CARBON	1.2K	5%	1/4W F	R536 △	1-216-397-11	METAL OXIDE	4.7	5%	3W F (KV-35V36/37V36M/35V76)
R479	1-249-418-11	CARBON	1.2K	5%	1/4W F	R536 △	1-260-288-11	METAL OXIDE	4.7	5%	1/2W F (KV-32V26/32V36/34V36C)
R480	1-249-385-11	CARBON	2.2	5%	1/4W F	R537 △	1-216-470-00	METAL OXIDE	18	5%	3W F (KV-35V36/37V36M/35V76)
R481	1-249-385-11	CARBON	2.2	5%	1/4W F	R537 △	1-216-288-11	METAL OXIDE	.47	5%	1/2W F (KV-32V26/32V36/34V36C)
R482	1-249-421-11	CARBON	2.2	5%	1/4W F (KV-32V26/35V36/37V36M)	R538	1-247-887-00	CARBON	220K	5%	1/4W
R483	1-249-421-11	CARBON	2.2	5%	1/4W F (KV-32V26/35V36/37V36M)	R541 △	1-249-377-11	CARBON	.047	5%	1/4W F (KV-35V36/37V36M/35V76)
R501	1-216-037-00	METAL GLAZE	330	5%	1/10W	R542 △	1-249-397-11	CARBON	22	5%	1/4W F (KV-35V36/37V36M/35V76)
R502	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W	R543	1-249-377-11	CARBON	0.47	5%	1/4W F
R503	1-249-426-11	CARBON	5.6K	5%	1/4W F	R546	1-215-451-00	METAL	18K	1%	1/4W (KV-35V36/37V36M/35V76)
R504 △	1-215-917-11	METAL OXIDE	1K	5%	3W F	R546	1-215-453-00	METAL	22K	1%	1/4W (KV-32V26/32V36/34V36C)
R505	1-249-431-11	CARBON	15K	5%	1/4W	R547	1-215-457-00	METAL	33K	1%	1/4W
R506	1-215-861-00	METAL OXIDE	47	5%	1W F	R548 △	1-215-872-11	METAL OXIDE	3.3K	5%	1W F (KV-35V36/37V36M/35V76)
R507	1-249-401-11	CARBON	47	5%	1/4W	R549	1-215-437-00	METAL	4.7K	1%	1/4W
R508	1-249-427-11	CARBON	6.8K	5%	1/4W	R550 △	1-249-377-11	CARBON	0.47	5%	1/4W F
R509	1-247-750-11	CARBON	680	5%	1/2W F						
R510 △	1-215-860-11	METAL OXIDE	33	5%	1W F						
R511 △	1-215-886-11	METAL OXIDE	100	5%	2W F (KV-35V36/37V36M/35V76)						
R511 △	1-215-885-00	METAL OXIDE	68	5%	2W F (KV-32V26/32V36/34V36C)						
R512 △	1-215-886-11	METAL OXIDE	100	5%	2W F						

Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

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REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
R551 Δ	1-215-873-00	METAL OXIDE	4.7K 5% 1W F	R1255	1-216-295-91	CONDUCTOR, CHIP (2012)	
R552	1-216-069-00	METAL GLAZE	6.8K 5% 1/10W	R1258	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W
R553 Δ	1-249-377-11	CARBON	0.47 5% 1/4W F	R1259	1-216-097-91	METAL GLAZE	100K 5% 1/10W
R554	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W	R1260	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W
R561	1-216-073-00	METAL GLAZE	10K 5% 1/10W	R1294	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R563 Δ	1-216-351-00	METAL OXIDE	1.5 5% 1W F	R1295	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R564	1-249-393-11	CARBON	10 5% 1/4W	R1351	1-247-815-91	CARBON	220 5% 1/4W
R565 Δ	1-215-890-11	METAL OXIDE	470 5% 2W F	R1352	1-247-815-91	CARBON	220 5% 1/4W
R566	1-216-073-00	METAL GLAZE	10K 5% 1/10W	R1353	1-247-815-91	CARBON	220 5% 1/4W
R567 Δ	1-249-385-11	CARBON	2.2 5% 1/4W F	R1354	1-216-033-00	METAL GLAZE	220 5% 1/10W
R568	1-216-073-00	METAL GLAZE	10K 5% 1/10W	R1355	1-216-025-91	METAL GLAZE	100 5% 1/10W
R569	1-216-073-00	METAL GLAZE	10K 5% 1/10W	R1356	1-216-025-91	METAL GLAZE	100 5% 1/10W
R570	1-216-097-91	METAL GLAZE	100K 5% 1/10W	R1357	1-216-025-91	METAL GLAZE	100 5% 1/10W
R571	1-216-081-00	METAL GLAZE	22K 5% 1/10W	R1358	1-247-807-31	CARBON	100 5% 1/4W
R572	1-216-081-00	METAL GLAZE	22K 5% 1/10W	R1359	1-216-025-91	METAL GLAZE	100 5% 1/10W
R573	1-216-097-91	METAL GLAZE	100K 5% 1/10W	R1360	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R574 Δ	1-216-365-00	METAL OXIDE	0.47 5% 2W F	R1361	1-216-062-00	METAL GLAZE	3.6K 5% 1/10W
R575	1-216-113-00	METAL GLAZE	470K 5% 1/10W	R1362	1-216-295-91	CONDUCTOR, CHIP (2012)	
R576	1-216-073-00	METAL GLAZE	10K 5% 1/10W	R1407	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R577	1-216-097-91	METAL GLAZE	100K 5% 1/10W	R1408	1-249-429-11	CARBON	10K 5% 1/4W
R578	1-208-784-11	METAL GLAZE	1.2K 0.50% 1/10W	R1409	1-249-429-11	CARBON	10K 5% 1/4W
R579	1-208-842-11	METAL GLAZE	330K 0.50% 1/10W	R1411	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R580	1-249-441-11	CARBON	100K 5% 1/4W	R1412	1-216-093-00	METAL GLAZE	68K 5% 1/10W
R1001	1-247-807-31	CARBON	100 5% 1/4W	R1413	1-216-089-91	METAL GLAZE	47K 5% 1/10W
R1002	1-247-807-31	CARBON	100 5% 1/4W	R1414	1-216-089-91	METAL GLAZE	47K 5% 1/10W
R1005	1-216-073-00	METAL GLAZE	10K 5% 1/10W	R1415	1-216-025-91	METAL GLAZE	100 5% 1/10W
R1101	1-216-049-91	METAL GLAZE	1K 5% 1/10W	R1418	1-216-093-00	METAL GLAZE	68K 5% 1/10W
R1102	1-215-900-11	METAL OXIDE	22K 5% 2W F	R1419	1-216-089-91	METAL GLAZE	47K 5% 1/10W
R1103	1-216-051-00	METAL GLAZE	1.2K 5% 1/10W	R1420	1-216-089-91	METAL GLAZE	47K 5% 1/10W
R1104	1-216-083-00	METAL GLAZE	27K 5% 1/10W	R1421	1-216-025-91	METAL GLAZE	100 5% 1/10W
R1105	1-216-689-11	METAL GLAZE	39K 5% 1/10W	R1424	1-247-807-31	CARBON	100 5% 1/4W
R1106	1-216-049-91	METAL GLAZE	1K 5% 1/10W	R1425	1-247-807-31	CARBON	100 5% 1/4W
R1107	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W	<u>SWITCH</u>			
R1108	1-216-073-00	METAL GLAZE	10K 5% 1/10W	S501	1-572-707-11	SWITCH, LEVER	
R1109	1-216-019-00	METAL GLAZE	56 5% 1/10W	<u>TRANSFORMER</u>			
R1110	1-216-019-00	METAL GLAZE	56 5% 1/10W	T501	1-437-210-11	TRANSFORMER, HORIZONTAL DRIVE	
R1111	1-216-019-00	METAL GLAZE	56 5% 1/10W	T502 Δ	1-429-408-11	TRANSFORMER, FERRITE (PMT) (KV-35V36/37V36M/35V76)	500uH
R1115	1-216-045-00	METAL GLAZE	680 5% 1/10W	T502 Δ	1-429-545-11	TRANSFORMER, FERRITE (PMT) (KV-32V26/32V36/34V76C)	400uH
R1117	1-249-425-11	CARBON	4.7K 5% 1/4W	T503 Δ	1-439-520-11	TRANSFORMER ASSY, FLYBACK (NX-3001) (KV-35V36/37V36M/35V76)	
R1118	1-249-425-11	CARBON	4.7K 5% 1/4W	T503 Δ	1-439-207-11	TRANSFORMER ASSY, FLYBACK (NX-A2609) (KV-32V26/32V36/34V76C)	
R1120	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W	T504	1-413-059-00	TRANSFORMER, FERRITE (DFT) (KV-35V36/37V36M/35V76)	
R1121	1-216-035-00	METAL GLAZE	270 5% 1/10W				
R1122	1-216-115-00	METAL GLAZE	560K 5% 1/10W				
R1123	1-216-039-00	METAL GLAZE	390 5% 1/10W				
R1125	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W				
R1126	1-216-035-00	METAL GLAZE	270 5% 1/10W				
R1127	1-216-115-00	METAL GLAZE	560K 5% 1/10W				
R1128	1-216-039-00	METAL GLAZE	390 5% 1/10W				
R1130	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W				

A G

Note:

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REF.NO.	PART NO.	DESCRIPTION	REMARK
CRYSTAL			

X001 1-578-774-11 VIBRATOR, CRYSTAL
X353 1-567-505-11 OSCILLATOR, CRYSTAL
X354 1-577-611-11 OSCILLATOR, CERAMIC

TUNERTU102 Δ 8-598-340-00 TUNER BTF-WA404**G**

- * A-1316-252-A G BOARD, COMPLETE (KV-34V36C)
 - * A-1316-261-A G BOARD, COMPLETE (KV-32V26/32V36)
 - * A-1316-262-A G BOARD, COMPLETE (KV-35V36C/35V76/37V36M)
- 4-382-854-11 SCREW (M3X10), P, SW (+)

CAPACITOR

C601	1-130-711-00	FILM	0.22MF	20%	250V	(KV-35V36/35V76/37V36M)
C602	1-126-963-11	ELECT	4.7MF	20%	50V	(KV-34V36C)
C603 Δ	1-113-915-11	CERAMIC	0.001MF	20%	250V	
C604 Δ	1-136-346-21	FILM	0.22MF	20%	125V	(KV-32V26/32V36/35V36/35V76/37V36M)
C605 Δ	1-136-346-51	FILM	0.22MF	20%	125V	(KV-32V26/32V36/35V36/35V76/37V36M)
C605 Δ	1-136-346-61	FILM	0.22MF	20%	300V	(KV-34V36C)
C606 Δ	1-115-388-11	ELECT	560MF	20%	200V	
C607 Δ	1-115-388-11	ELECT	560MF	20%	200V	
C608	1-164-625-11	CERAMIC	680PF	10%	500V	
C608	1-164-645-11	CERAMIC	1000PF	10%	500V	(KV-32V26/32V36/35V36/35V76/37V36M)
C609	1-136-173-00	FILM	0.47MF	5%	50V	
C610	1-136-173-00	FILM	0.47MF	5%	50V	
C611	1-136-169-00	FILM	0.22MF	5%	50V	
C612	1-136-169-00	FILM	0.22MF	5%	50V	
C613	1-164-645-11	CERAMIC	1000PF	10%	500V	
C614	1-164-645-11	CERAMIC	1000PF	10%	500V	
C615	1-136-759-11	FILM	0.039MF	5%	630V	
C617 Δ	1-113-915-11	CERAMIC	0.001MF	20%	250V	
C626 Δ	1-113-897-11	CERAMIC	100PF	10%	250V	(KV-34V36C)
C641	1-126-943-11	ELECT	2200MF	20%	25V	
C642	1-126-767-11	ELECT	1000MF	20%	16V	
C643	1-107-641-11	ELECT	220MF	20%	160V	
C646	1-126-933-11	ELECT	100MF	20%	16V	
C647	1-128-551-11	ELECT	22MF	20%	25V	

REF.NO.	PART NO.	DESCRIPTION	REMARK
CRYSTAL			
C648	1-126-933-11	ELECT	100MF 20% 16V
C651	1-137-366-11	FILM	0.0022MF 5% 50V
C652	1-106-351-00	MYLAR	0.0022MF 99% 200V
C653	1-107-636-11	ELECT	10MF 20% 160V
C654	1-164-625-11	CERAMIC	680PF 10% 500V
C655	1-164-625-11	CERAMIC	680PF 10% 500V
C656	1-164-625-11	CERAMIC	680PF 10% 500V
C657	1-164-625-11	CERAMIC	680PF 10% 500V
C661	1-126-963-11	ELECT	4.7MF 20% 50V
C690	1-164-645-11	CERAMIC	1000PF 10% 500V
C691	1-164-645-11	CERAMIC	1000PF 10% 500V

CONNECTOR

CN601	* 1-573-963-11	PIN, CONNECTOR (PC BOARD) 3P	(KV-35V36/35V76/37V36M)
CN601	* 1-508-765-21	PIN, CONNECTOR (5MM PITCH) 3P	(KV-32V26/32V36/34V36C)
CN602	* 1-580-844-11	PIN, CONNECTOR (POWER) 2P	
CN603	* 1-573-963-11	PIN, CONNECTOR (PC BOARD) 3P	(KV-35V36/35V76/37V36M)
CN641	* 1-564-515-11	PLUG, CONNECTOR 12P	

DIODE

D601	8-719-911-19	DIODE 1SS119-25	
D602 Δ	8-719-510-53	DIODE D4SB60L	
D603	8-719-911-19	DIODE 1SS119-25	
D604	8-719-911-19	DIODE 1SS119-25	
D605	8-719-911-19	DIODE 1SS119-25	
D606	8-719-911-19	DIODE 1SS119-25	
D607	8-719-911-19	DIODE 1SS119-25	
D608	8-719-911-19	DIODE 1SS119-25	
D609	8-719-911-19	DIODE 1SS119-25	
D610	8-719-911-19	DIODE 1SS119-25	
D615	8-719-028-45	DIODE D2L20U	
D641	8-719-052-40	DIODE RBA-1004B	
D643	8-719-028-45	DIODE D2L20U	
D644	8-719-028-45	DIODE D2L20U	
D645	8-719-028-45	DIODE D2L20U	
D646	8-719-510-12	DIODE D10SC4M	
D648	8-719-057-52	DIODE EZ0150AV1	
D649	8-719-510-02	DIODE D1NS4	
D650	8-719-510-02	DIODE D1NS4	

FUSE

F601 Δ	1-533-223-11	HOLDER, FUSE	
F601 Δ	1-576-193-11	FUSE 6.3A/125V	
F601 Δ	1-532-506-51	FUSE 6.3A/250V (KV-34V36C)	(KV-32V26/32V36/35V36/35V76/37V36M)

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REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
FERRITE BEAD							
FB601	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH	R614	1-247-887-00	CARBON	220K 5% 1/4W
FB602	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH	R615	1-247-887-00	CARBON	220K 5% 1/4W
FB641	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH	R616	1-247-791-91	CARBON	22 5% 1/4W
FB642	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH	R617	1-247-791-91	CARBON	22 5% 1/4W
FB643	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH	R622	1-212-958-00	FUSIBLE	10 5% 1/2W F
FB644	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH	R623 Δ	1-243-032-11	WIREWOUND	1 5% 20W (KV-32V26/32V36/35V36/35V76/37V36M)
FB645	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH	R623 Δ	1-205-943-11	WIREWOUND	3.9 5% 20W (KV-34V36C)
FB646	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH	R641	1-247-843-11	CARBON	3.3K 5% 1/4W
FB647	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH	R642	1-247-843-11	CARBON	3.3K 5% 1/4W
FB648	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH	R643	1-249-387-11	CARBON	3.3 5% 1/4W F
IC							
IC641	8-749-920-58	IC SI-3090CA		R644 Δ	1-215-882-00	METAL OXIDE	22 5% 2W F
IC642	8-759-701-56	IC NJM78M05FA		R645 Δ	1-260-304-51	CARBON	10 5% 1/2W (KV-34V36C)
IC643	8-749-012-13	IC DM-58		R647	1-249-417-11	CARBON	1K 5% 1/4W
COIL							
L642	1-412-529-11	INDUCTOR	22UH	R648	1-247-887-00	CARBON	220K 5% 1/4W
L643	1-412-525-31	INDUCTOR	10UH	R649	1-249-425-11	CARBON	4.7K 5% 1/4W F
TRANSISTOR							
Q601 Δ	8-729-019-49	TRANSISTOR 2SC4834MNP		R652	1-249-421-11	CARBON	2.2K 5% 1/4W
Q602 Δ	8-729-019-49	TRANSISTOR 2SC4834MNP		R659	1-249-429-11	CARBON	10K 5% 1/4W (KV-34V36C)
Q644	8-729-119-78	TRANSISTOR 2SC2785-HFE		R661	1-249-413-11	CARBON	470 5% 1/4W F
Q645	8-729-119-76	TRANSISTOR 2SA1175-HFE		R662	1-249-429-11	CARBON	10K 5% 1/4W
Q646	8-729-119-78	TRANSISTOR 2SC3311A		R663 Δ	1-249-377-11	CARBON	0.47 5% 1/4W F
(KV-32V26/32V36/35V36/35V76/37V36M)							
RESISTOR							
R603 Δ	1-219-776-11	CARBON	2.2M	R664 Δ	1-249-377-11	CARBON	0.47 5% 1/4W F
				R665 Δ	1-249-377-11	CARBON	0.47 5% 1/4W F
			(KV-32V26/32V36/35V36/35V76/37V36M)	R666 Δ	1-249-377-11	CARBON	0.47 5% 1/4W F
R603 Δ	1-247-289-00	CARBON	8.2M	R667 Δ	1-249-377-11	CARBON	0.47 5% 1/4W F
				R668 Δ	1-249-377-11	CARBON	0.47 5% 1/4W F
			(KV-34V36C)				
R605	1-247-893-11	CARBON	390K	R670 Δ	1-249-377-11	CARBON	0.47 5% 1/4W F
R606	1-247-893-11	CARBON	390K	R671 Δ	1-249-377-11	CARBON	0.47 5% 1/4W F
R607 Δ	1-202-933-61	FUSIBLE	0.1	R672 Δ	1-249-377-11	CARBON	0.47 5% 1/4W F
				R678	1-247-863-91	CARBON	22K 5% 1/4W
							(KV-32V26/32V36/35V36/35V76/37V36M)
R608 Δ	1-216-372-11	METAL OXIDE	1.8	R679	1-247-863-91	CARBON	22K 5% 1/4W
							(KV-32V26/32V36/35V36/35V76/37V36M)
R608 Δ	1-216-369-00	METAL OXIDE	1	R680	1-249-429-11	CARBON	10K 5% 1/4W
							(KV-32V26/32V36/35V36/35V76/37V36M)
			(KV-34V36C)	R681	1-249-407-11	CARBON	150 5% 1/4W
							(KV-32V26/32V36/35V36/35V76/37V36M)
(KV-32V26/32V36/35V36/35V76/37V36M)							
R609	1-247-791-91	CARBON	22	RELAY			
R610	1-247-791-91	CARBON	22				
R611 Δ	1-216-372-11	METAL OXIDE	1.8	RY601 Δ	1-755-146-11	RELAY	(KV-32V26/32V36/35V36/35V76/37V36M)
				RY601 Δ	1-755-018-11	RELAY	(KV-34V36C)
(KV-32V26/32V36/35V36/35V76/37V36M)							
R611 Δ	1-216-369-00	METAL OXIDE	1	TRANSFORMER			
R612	1-247-887-00	CARBON	220K	T601 Δ	1-426-717-11	TRANSFORMER, LINE FILTER (LFT)	
R613	1-247-887-00	CARBON	220K				(KV-32V26/32V36/35V36/35V76/37V36M)
				T602 Δ	1-424-220-11	TRANSFORMER, LINE FILTER	
							(KV-32V26/32V36/35V36/35V76/37V36M)

G C

Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

REF.NO.	PART NO.	DESCRIPTION	REMARK
T602	Δ 1-426-717-11	TRANSFORMER, LINE FILTER (KV-34V36C)	
T603	Δ 1-427-864-11	TRANSFORMER, CONVERTER (PRT)	
T605	1-429-415-11	TRANSFORMER, CONVERTER (PIT)	

THERMISTOR

THP601	Δ 1-809-539-11	THERMISTOR, POSITIVE (KV-32V26/32V36/35V36/35V76/37V36M)
THP601	Δ 1-809-627-11	THERMISTOR, POSITIVE (KV-34V36C)

VARISTOR

VDR601	1-810-974-21	VARISTOR
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C _____

- * A-1331-522-A C BOARD, MOUNTED (KV-35V36/35V76/37V36M)
- * A-1331-549-A C BOARD MOUNTED (KV-32V26/32V36/34V36C)

4-382-854-11 SCREW (M3X10), P, SW (+)

CAPACITOR

C1765	1-102-116-00	CERAMIC	680PF	10%	50V
C1766	1-102-117-00	CERAMIC	820PF	10%	50V
C1767	1-102-116-00	CERAMIC	680PF	10%	50V
C1775	1-102-116-00	CERAMIC	680PF	10%	50V
C1776	1-102-117-00	CERAMIC	820PF	10%	50V
C1777	1-102-116-00	CERAMIC	680PF	10%	50V
C1785	1-102-116-00	CERAMIC	680PF	10%	50V
C1786	1-102-117-00	CERAMIC	820PF	10%	50V
C1787	1-102-116-00	CERAMIC	680PF	10%	50V
C1790	1-102-129-00	CERAMIC	0.01MF	10%	50V

C1791	1-126-933-11	ELECT	100MF	20%	16V
C1793	1-107-651-11	ELECT	4.7MF	20%	250V
C1795	1-102-074-00	CERAMIC	0.001MF	10%	50V
C1797	1-106-375-12	MYLAR	0.022MF	99%	200V
C1798	1-106-375-12	MYLAR	0.022MF	99%	200V

C1799	1-162-114-00	CERAMIC	0.0047MF	2KV
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CONNECTOR

CN1761*	1-564-509-11	PLUG, CONNECTOR 6P
CN1762*	1-508-784-00	PIN, CONNECTOR (5MM PITCH) 1P (KV-35V36/35V76/37V36M)

CN1764*	1-564-507-11	PLUG, CONNECTOR 4P
CN1765	1-695-915-11	TAB (CONTACT) (KV-32V26/32V36/34V36C)
CN1766	1-695-915-11	TAB (CONTACT) 1P

DIODE

D1761	8-719-991-33	DIODE 1SS133T-77
D1762	8-719-991-33	DIODE 1SS133T-77
D1763	8-719-991-33	DIODE 1SS133T-77

REF.NO. **PART NO.** **DESCRIPTION** **REMARK**

D1771	8-719-991-33	DIODE 1SS133T-77
D1772	8-719-991-33	DIODE 1SS133T-77
D1773	8-719-991-33	DIODE 1SS133T-77
D1781	8-719-991-33	DIODE 1SS133T-77
D1782	8-719-991-33	DIODE 1SS133T-77

D1783	8-719-991-33	DIODE 1SS133T-77
D1790	8-719-991-33	DIODE 1SS133T-77
D1792	8-719-983-14	DIODE MTZJ-T-77-3.9

JACKJ1761 Δ 1-251-328-11 SOCKET, CRT**COIL**

L1790 1-410-667-31 INDUCTOR 22UH

TRANSISTOR

Q1761	8-729-119-78	TRANSISTOR 2SC2785-HFE
Q1762	8-729-326-11	TRANSISTOR 2SC2611
Q1763	8-729-200-17	TRANSISTOR 2SA1091-0
Q1771	8-729-119-78	TRANSISTOR 2SC2785-HFE
Q1772	8-729-326-11	TRANSISTOR 2SC2611

Q1773	8-729-200-17	TRANSISTOR 2SA1091-0
Q1781	8-729-119-78	TRANSISTOR 2SC2785-HFE
Q1782	8-729-326-11	TRANSISTOR 2SC2611
Q1783	8-729-200-17	TRANSISTOR 2SA1091-0
Q1790	8-729-119-76	TRANSISTOR 2SA1175-HFE

RESISTOR

R1760	1-260-105-11	CARBON	3.3K	5%	1/2W
R1761	1-247-807-31	CARBON	100	5%	1/4W
R1763	1-249-409-11	CARBON	220	5%	1/4W F
R1764	Δ 1-216-486-00	METAL OXIDE	8.2K	5%	3W F
R1765	1-249-411-11	CARBON	330	5%	1/4W

R1766	1-249-393-11	CARBON	10	5%	1/4W
R1767	1-249-429-11	CARBON	10K	5%	1/4W
R1768	1-249-411-11	CARBON	330	5%	1/4W
R1770	1-260-105-11	CARBON	3.3K	5%	1/2W
R1771	1-247-807-31	CARBON	100	5%	1/4W

R1773	1-249-409-11	CARBON	220	5%	1/4W F
R1774	Δ 1-216-486-00	METAL OXIDE	8.2K	5%	3W F
R1775	1-249-407-11	CARBON	150	5%	1/4W
R1776	1-249-393-11	CARBON	10	5%	1/4W
R1777	1-249-429-11	CARBON	10K	5%	1/4W

R1780	1-260-105-11	CARBON	3.3K	5%	1/2W
R1781	1-247-807-31	CARBON	100	5%	1/4W
R1783	1-249-409-11	CARBON	220	5%	1/4W F
R1784	Δ 1-216-486-00	METAL OXIDE	8.2K	5%	3W F
R1785	1-249-407-11	CARBON	150	5%	1/4W

Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

C **WA**

REF.NO.	PART NO.	DESCRIPTION	REMARK			REF.NO.	PART NO.	DESCRIPTION	REMARK		
R1786	1-249-393-11	CARBON	10	5%	1/4W	C981	1-126-941-11	ELECT	470MF	20%	25V
R1787	1-249-429-11	CARBON	10K	5%	1/4W	C983	1-137-366-11	FILM	0.0022MF	5%	50V
R1789	1-249-437-11	CARBON	47K	5%	1/4W	CONNECTOR					
R1792	1-247-815-91	CARBON	220	5%	1/4W	CN941	1-564-511-11	PLUG, CONNECTOR 8P			
R1793	1-247-863-91	CARBON	22K	5%	1/4W	CN961 *	1-770-723-11	CONNECTOR, BOARD TO BOARD 8P			
R1794	1-249-417-11	CARBON	1K	5%	1/4W	CN981 *	1-564-506-11	PLUG, CONNECTOR 3P			
R1795	1-260-087-11	CARBON	100	5%	1/2W	DIODE					
R1796 Δ	1-216-365-00	METAL OXIDE	0.47	5%	2W F (KV-35V36/35V76/37V36M)	D941	8-719-991-33	DIODE 1SS133T-77			
R1796 Δ	1-216-374-00	METAL OXIDE	2.7	5%	2W F (KV-32V26/32V36/34V36C)	D946	8-719-110-88	DIODE RD39ESB2			
R1797	1-260-123-11	CARBON	100K	5%	1/2W	D947	8-719-110-88	DIODE RD39ESB2			
R1798	1-260-133-11	CARBON	680K	5%	1/2W (KV-35V36/35V76/37V36M)	D961	8-719-109-89	DIODE RD5.6ESB2			
R1799	1-260-123-11	CARBON	100K	5%	1/2W (KV-35V36/35V76/37V36M)	D962	8-719-991-33	DIODE 1SS133T-77			
VARIABLE RESISTOR						D964	8-719-302-43	DIODE EL1Z			

RV1791 1-230-641-11 RES, ADJ, METAL GLAZE 2.2M
(KV-35V36/35V76/37V36M)

WA

*A-1372-211-A WA BOARD, MOUNTED (KV-35V36/35V76/37V36M)
4-382-854-11 SCREW (M3X10), P, SW (+)

CAPACITOR					
C941	1-126-935-11	ELECT	470MF	20%	16V
C944	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C945	1-163-001-11	CERAMIC CHIP	220PF	10%	50V
C946	1-126-933-11	ELECT	100MF	20%	16V
C949	1-161-830-00	CERAMIC	0.0047MF		500V
C950	1-126-933-11	ELECT	100MF	20%	16V
C951	1-107-638-11	ELECT	33MF	20%	160V
C952	1-104-999-11	MYLAR	0.1MF	10%	200V
C953	1-106-383-00	MYLAR	0.047MF	10%	200V
C954	1-137-364-11	FILM	0.001MF	5%	50V
C955	1-107-667-11	ELECT	2.2MF	20%	160V
C956	1-137-364-11	FILM	0.001MF	5%	50V
C957	1-106-383-00	MYLAR	0.047MF	10%	200V
C958	1-126-933-11	ELECT	100MF	20%	16V
C961	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C962	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C965	1-163-035-00	CERAMIC CHIP	0.047MF		50V
C966	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C967	1-129-718-00	FILM	0.022MF	5%	630V
C968	1-137-579-11	FILM	0.068MF	5%	100V
C969	1-163-035-00	CERAMIC CHIP	0.047MF		50V

REF.NO.	PART NO.	DESCRIPTION	REMARK			REF.NO.	PART NO.	DESCRIPTION	REMARK		
C981	1-126-941-11	ELECT	470MF	20%	25V	L942	1-215-863-11	METAL OXIDE	100	5%	1W F
C983	1-137-366-11	FILM				L962	1-406-989-21	COIL, CHOKE	10MMH		
TRANSISTOR						L963	1-406-675-11	COIL, CHOKE	4.7MMH		
IC961	8-759-700-07	IC NJM2903M				COIL					
IC981	8-759-603-37	IC M5216P				Q942	1-215-863-11	METAL OXIDE			
RESISTOR						Q944	8-729-422-27	TRANSISTOR 2SD601A-Q			
Q943	8-729-422-27	TRANSISTOR 2SD601A-Q				Q945	8-729-422-27	TRANSISTOR 2SD601A-Q			
Q944	8-729-422-27	TRANSISTOR 2SD601A-Q				Q946	8-729-017-05	TRANSISTOR 2SA1837			
Q945	8-729-422-27	TRANSISTOR 2SD601A-Q				Q947	8-729-017-06	TRANSISTOR 2SC4793			
Q946	8-729-931-45	TRANSISTOR IRF614				Q962	8-729-216-22	TRANSISTOR 2SA1162-G			
Q947	8-729-422-27	TRANSISTOR 2SD601A-Q				Q963	8-729-216-22	TRANSISTOR 2SA1162-G			
Q948	8-729-422-27	TRANSISTOR 2SD601A-Q				Q965	8-729-216-22	TRANSISTOR 2SA1162-G			
Q949	8-729-422-27	TRANSISTOR 2SD601A-Q				Q966	8-729-216-22	TRANSISTOR 2SA1162-G			
Q950	8-729-422-27	TRANSISTOR 2SD601A-Q				Q981	8-729-422-27	TRANSISTOR 2SD601A-Q			
RESISTOR						R943	1-216-025-91	METAL GLAZE	100	5%	1/10W
R948	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R949	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R949	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R950	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R951	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R952	1-216-037-00	METAL GLAZE	330	5%	1/10W
R952	1-216-037-00	METAL GLAZE				R953	1-216-021-00	METAL GLAZE	68	5%	1/10W
R953	1-216-021-00	METAL GLAZE				R954	1-216-033-00	METAL GLAZE	220	5%	1/10W
R954	1-216-033-00	METAL GLAZE				R955	1-216-047-91	METAL GLAZE	820	5%	1/10W
R955	1-216-047-91	METAL GLAZE				R956	1-216-295-91	CONDUCTOR, CHIP (2012)			

WA WB

Note:

The components identified by shading
and mark Δ are critical for safety.
Replace only with part number specified.

Note:

Les composants identifiés par un trame et
une marque Δ sont critiques pour la
sécurité. Ne les remplacer que par une
pièce portant le numéro spécifié.

<u>REF.NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>REMARK</u>			<u>REF.NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>REMARK</u>		
R957	1-216-073-00	METAL GLAZE	10K	5%	1/10W	C2946	1-126-933-11	ELECT	100MF	20%	16V
R958	1-216-295-91	CONDUCTOR, CHIP	(2012)			C2949	1-161-830-00	CERAMIC	0.0047MF		500V
R959	1-216-021-00	METAL GLAZE	68	5%	1/10W	C2950	1-126-933-11	ELECT	100MF	20%	16V
R960	1-216-689-11	METAL GLAZE	39K	5%	1/10W	C2951	1-107-638-11	ELECT	33MF	20%	160V
R961	1-216-073-00	METAL GLAZE	10K	5%	1/10W	C2952	1-104-999-11	MYLAR	0.1MF	10%	200V
R962	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	C2953	1-106-383-00	MYLAR	0.047MF	10%	200V
R963	1-216-097-91	METAL GLAZE	100K	5%	1/10W	C2954	1-137-364-11	FILM	0.001MF	5%	50V
R964	1-216-073-00	METAL GLAZE	10K	5%	1/10W	C2955	1-107-667-11	ELECT	2.2MF	20%	160V
R965	1-216-073-00	METAL GLAZE	10K	5%	1/10W	C2956	1-137-364-11	FILM	0.001MF	5%	50V
R966	1-216-097-91	METAL GLAZE	100K	5%	1/10W	C2957	1-106-383-00	MYLAR	0.047MF	10%	200V
R967	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	C2958	1-126-933-11	ELECT	100MF	20%	16V
R968	1-216-083-00	METAL GLAZE	27K	5%	1/10W	C2975	1-163-001-11	CERAMIC CHIP	220PF	10%	50V
R969	1-216-295-91	CONDUCTOR, CHIP	(2012)			<u>CONNECTOR</u>					
R970	1-216-033-00	METAL GLAZE	220	5%	1/10W	CN2941	*1-564-508-11	PLUG, CONNECTOR 5P			
R971	1-247-899-11	CARBON	680K	5%	1/4W	<u>DIODE</u>					
R972	1-216-073-00	METAL GLAZE	10K	5%	1/10W	D2941	8-719-991-33	DIODE 1SS133T-77			
R973	1-216-121-91	METAL GLAZE	1M	5%	1/10W	D2946	8-719-110-88	DIODE RD39ESB2			
R974	1-216-073-00	METAL GLAZE	10K	5%	1/10W	D2947	8-719-110-88	DIODE RD39ESB2			
R975 Δ	1-216-446-00	METAL OXIDE	18	5%	2W F	<u>COIL</u>					
R976 Δ	1-216-423-11	METAL OXIDE	27	5%	1W F	L2942	1-215-863-11	METAL OXIDE	100	5%	1W F
R979	1-216-017-91	METAL GLAZE	47	5%	1/10W	<u>TRANSISTOR</u>					
R981	1-216-081-00	METAL GLAZE	22K	5%	1/10W	Q2943	8-729-422-27	TRANSISTOR 2SD601A-Q			
R982	1-216-081-00	METAL GLAZE	22K	5%	1/10W	Q2944	8-729-422-27	TRANSISTOR 2SD601A-Q			
R983	1-216-081-00	METAL GLAZE	22K	5%	1/10W	Q2945	8-729-422-27	TRANSISTOR 2SD601A-Q			
R984	1-216-081-00	METAL GLAZE	22K	5%	1/10W	Q2946	8-729-017-05	TRANSISTOR 2SA1837			
R987	1-216-049-91	METAL GLAZE	1K	5%	1/10W	Q2947	8-729-017-06	TRANSISTOR 2SC4793			
R988	1-216-295-91	CONDUCTOR, CHIP	(2012)			Q2945	8-729-422-27	TRANSISTOR 2SD601A-Q			
R989	1-216-304-11	METAL GLAZE	3.3	5%	1/10W	Q2946	8-729-216-22	TRANSISTOR 2SA1162-G			
R992	1-216-073-00	METAL GLAZE	10K	5%	1/10W	<u>RESISTOR</u>					
R1941	1-260-311-11	CARBON	39	5%	1/2W	R2943	1-216-025-91	METAL GLAZE	100	5%	1/10W
R1942	1-249-384-11	CARBON	1.8	5%	1/4W F	R2948	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R1943	1-249-414-11	CARBON	560	5%	1/4W F	R2949	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R1944	1-249-432-11	CARBON	18K	5%	1/4W	R2950	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R1945	1-216-476-11	METAL OXIDE	180	5%	3W F	R2951	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R1946	1-249-417-11	CARBON	1K	5%	1/4W F	R2952	1-216-037-00	METAL GLAZE	330	5%	1/10W
R1947	1-249-432-11	CARBON	18K	5%	1/4W	R2953	1-216-021-00	METAL GLAZE	68	5%	1/10W
R1948	1-249-414-11	CARBON	560	5%	1/4W	R2954	1-216-033-00	METAL GLAZE	220	5%	1/10W
R1949	1-249-384-11	CARBON	1.8	5%	1/4W F	R2955	1-216-047-91	METAL GLAZE	820	5%	1/10W
R1950	1-249-400-11	CARBON	39	5%	1/4W F	R2956	1-216-295-91	CONDUCTOR, CHIP	(2012)		
<u>CAPACITOR</u>						R2957	1-216-073-00	METAL GLAZE	10K	5%	1/10W
C2941	1-126-935-11	ELECT	470MF	20%	16V	R2958	1-216-295-91	CONDUCTOR, CHIP	(2012)		
C2944	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	R2959	1-216-021-00	METAL GLAZE	68	5%	1/10W
						R2979	1-216-017-91	METAL GLAZE	47	5%	1/10W

* A-1372-225-A MOUNTED PCB, WB (KV-32V36/34V36C)

4-382-854-11 SCREW (M3X10), P, SW (+)

CAPACITOR

C2941	1-126-935-11	ELECT	470MF	20%	16V
C2944	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V

Note:

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

HSHV

REF.NO.	PART NO.	DESCRIPTION	REMARK
R4941	1-260-311-11	CARBON	39 5% 1/2W
R4942	1-249-384-11	CARBON	1.8 5% 1/4W F
R4943	1-249-414-11	CARBON	560 5% 1/4W F
R4944	1-249-432-11	CARBON	18K 5% 1/4W
R4945	1-216-476-11	METAL OXIDE	180 5% 3W F
R4946	1-249-417-11	CARBON	1K 5% 1/4W F
R4947	1-249-432-11	CARBON	18K 5% 1/4W
R4948	1-249-414-11	CARBON	560 5% 1/4W
R4949	1-249-384-11	CARBON	1.8 5% 1/4W F
R4950	1-249-400-11	CARBON	39 5% 1/4W F

HS

* A-1372-326-A HS BOARD, MOUNTED (EXCEPT KV-37V36M)

CAPACITOR

C2168	1-104-665-11	ELECT	100MF	20%	25V
C2169	1-126-959-11	ELECT	0.47MF	20%	50V

CONNECTOR

CN2101	1-564-524-11	PLUG, CONNECTOR 9P
CN2102	1-564-523-11	PLUG, CONNECTOR 8P

HV

* A-1372-330-A HV BOARD, MOUNTED (EXCEPT KV-32V26)
 * A-1372-325-A HV BOARD, MOUNTED (KV-32V26)

CAPACITOR

C2068	1-104-665-11	ELECT	100MF	20%	25V
C2070	1-165-319-11	CERAMIC CHIP	0.1MF	50V	
C2231	1-163-031-11	CERAMIC CHIP	0.01MF	50V	(KV-32V36/34V36C/35V36/35V76/37V36M)
C2232	1-136-161-00	FILM	0.047MF	5%	50V (KV-32V36/34V36C/35V36/35V76/37V36M)
C2233	1-136-161-00	FILM	0.047MF	5%	50V
C2234	1-126-960-11	ELECT	1MF	20%	50V
C2235	1-126-960-11	ELECT	1MF	20%	50V
C2236	1-126-933-11	ELECT	100MF	20%	16V

CONNECTOR

CN2002	*1-564-518-11	PLUG, CONNECTOR 3P
		(KV-32V36/34V36C/35V36/35V76/37V36M)

DIODE

D2006	1-810-039-11	LED UNIT
D2231	8-719-110-17	DIODE RD10ESB2

REF.NO.	PART NO.	DESCRIPTION	REMARK
D2232	8-719-110-17	DIODE RD10ESB2	(KV-32V36/34V36C/35V36/35V76/37V36M)
D2233	8-719-110-17	DIODE RD10ESB2	(KV-32V36/34V36C/35V36/35V76/37V36M)
D2236	8-719-110-17	DIODE RD10ESB2	

IC

IC2003	8-742-014-10	HIC SBX1981-51
IC2004	8-749-012-12	IC IS474

JACK

J2231	1-691-110-11	JACK, PIN 3P
J2232	1-694-063-11	TERMINAL, S

(KV-32V36/34V36C/35V36/35V76/37V36M)

TRANSISTOR

Q2008	8-729-216-22	TRANSISTOR 2SA1162-G
Q2009	8-729-422-27	TRANSISTOR 2SD601A-Q

RESISTOR

R2009	1-216-033-00	METAL GLAZE	220	5%	1/10W
R2010	1-216-033-00	METAL GLAZE	220	5%	1/10W
R2011	1-216-025-91	METAL GLAZE	100	5%	1/10W
R2012	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R2013	1-216-105-91	METAL GLAZE	220K	5%	1/10W
R2014	1-216-033-00	METAL GLAZE	220	5%	1/10W
R2015	1-247-807-31	CARBON	100	5%	1/4W
R2016	1-216-133-00	METAL GLAZE	3.3M	5%	1/10W
R2059	1-216-047-91	METAL GLAZE	820	5%	1/10W
R2060	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R2061	1-216-055-00	METAL GLAZE	1.8K	5%	1/10W
R2062	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R2063	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R2231	1-216-022-00	METAL GLAZE	75	5%	1/10W
R2232	1-216-022-00	METAL GLAZE	75	5%	1/10W
R2233	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R2235	1-216-022-00	METAL GLAZE	75	5%	1/10W
R2236	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R2237	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R2238	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R2239	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W

K SC UV

Note:

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and mark Δ are critical for safety.
Replace only with part number specified.

Note:

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une marque Δ sont critiques pour la
sécurité. Ne les remplacer que par une
pièce portant le numéro spécifié.

REF.NO.	PART NO.	DESCRIPTION	REMARK
S2001	1-692-431-21	SWITCH, TACTILE	(KV-32V26)
S2002	1-692-431-21	SWITCH, TACTILE	(KV-32V26)
S2003	1-692-431-21	SWITCH, TACTILE	(KV-32V26)
S2004	1-692-431-21	SWITCH, TACTILE	(KV-32V26)
S2005	1-692-431-21	SWITCH, TACTILE	(KV-32V26)
S2006	1-692-431-21	SWITCH, TACTILE	(KV-32V26)
S2007	1-692-431-21	SWITCH, TACTILE	(KV-32V26)

K —————

*A-1380-518-A MOUNTED PWB, K (KV-32V36/34V36C/35V76)

4-382-854-11 SCREW (M3X10), P, SW (+)

CAPACITOR

C1462	1-126-961-11	ELECT	2.2MF	20%	50V
C1463	1-126-961-11	ELECT	2.2MF	20%	50V
C1464	1-126-969-11	ELECT	220MF	20%	50V
C1465	1-104-664-11	ELECT	47MF	20%	25V
C1466	1-126-969-11	ELECT	220MF	20%	50V
C1467	1-126-961-11	ELECT	2.2MF	20%	50V
C1469	1-136-173-00	FILM	0.47MF	5%	50V
C1470	1-136-169-00	FILM	0.22MF	5%	50V
C1471	1-136-169-00	FILM	0.22MF	5%	50V
C1472	1-128-548-11	ELECT	4700MF	20%	25V
C1473	1-126-943-11	ELECT	2200MF	20%	25V
C1474	1-126-943-11	ELECT	2200MF	20%	25V
C1475	1-128-548-11	ELECT	4700MF	20%	25V
C1476	1-124-564-11	ELECT	4700MF	20%	25V

CONNECTOR

CN1461* 1-564-510-11 PLUG, CONNECTOR 7P
 CN1462* 1-564-507-11 PLUG, CONNECTOR 4P

DIODE

D1461 8-719-991-33 DIODE 1SS133T-77

IC

IC1461 8-759-980-43 IC TDA2009A

IC LINKPS1461 Δ 1-532-984-11 LINK, IC 2A/90VTRANSISTOR

Q1461 8-729-422-27 TRANSISTOR 2SD601A-Q
 Q1462 8-729-216-22 TRANSISTOR 2SA1162-G

REF.NO.	PART NO.	DESCRIPTION	REMARK
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RESISTOR

R1461	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R1462	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R1463	1-249-435-11	CARBON	33K	5%	1/4W
R1464	1-208-775-11	METAL GLAZE	510	0.50%	1/10W
R1465	1-216-011-00	METAL GLAZE	27	5%	1/10W
R1467	1-216-011-00	METAL GLAZE	27	5%	1/10W
R1468	1-208-775-11	METAL GLAZE	510	0.50%	1/10W
R1469	1-216-011-00	METAL GLAZE	27	5%	1/10W
R1471	1-216-011-00	METAL GLAZE	27	5%	1/10W
R1472	1-249-418-11	CARBON	1.2K	5%	1/4W F
R1473	1-249-413-11	CARBON	470	5%	1/4W
R1474	1-249-441-11	CARBON	100K	5%	1/4W
R1475	1-249-430-11	CARBON	12K	5%	1/4W
R1476	1-249-430-11	CARBON	12K	5%	1/4W
R1477	1-249-385-11	CARBON	2.2	5%	1/4W F
R1478	1-249-418-11	CARBON	1.2K	5%	1/4W F
R1479	1-249-385-11	CARBON	2.2	5%	1/4W F
R1480	1-249-421-11	CARBON	2.2K	5%	1/4W
R1481	1-249-421-11	CARBON	2.2K	5%	1/4W
R1482	1-249-421-11	CARBON	2.2K	5%	1/4W
R1483	1-249-421-11	CARBON	2.2K	5%	1/4W

SC —————

* A-1390-585-A SC BOARD, MOUNTED

CONNECTOR

CN104 1-573-978-21 CONNECTOR, BOARD TO BOARD 11P
 CN105 1-573-978-21 CONNECTOR, BOARD TO BOARD 11P

UV —————

*A-1394-844-A UV BOARD, COMPLETE (KV-32V26)
 *A-1394-846-A UV BOARD, COMPLETE (KV-35V36/35V76/34V36C)
 *A-1394-847-A UV BOARD, COMPLETE (KV-35V36/37V36M)

CAPACITOR

C151	1-126-960-11	ELECT	1MF	20%	50V
C152	1-126-960-11	ELECT	1MF	20%	50V
C153	1-164-489-11	CERAMIC CHIP	0.22MF	10%	16V
C154	1-164-489-11	CERAMIC CHIP	0.22MF	10%	16V
C156	1-164-182-11	CERAMIC CHIP	0.0033MF	10%	50V
C157	1-163-123-00	CERAMIC CHIP	180PF	5%	50V
C158	1-163-034-00	CERAMIC CHIP	0.033MF	50V	
C159	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C160	1-126-959-11	ELECT	0.47MF	20%	50V
C161	1-126-960-11	ELECT	1MF	20%	50V



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REF.NO.	PART NO.	DESCRIPTION	REMARK		REF.NO.	PART NO.	DESCRIPTION	REMARK
C162	1-126-960-11	ELECT	1MF	20%	50V			
C163	1-165-319-11	CERAMIC CHIP	0.1MF	50V				
C164	1-165-319-11	CERAMIC CHIP	0.1MF	50V				
C165	1-165-319-11	CERAMIC CHIP	0.1MF	50V				
C166	1-165-319-11	CERAMIC CHIP	0.1MF	50V				
C167	1-126-933-11	ELECT	100MF	20%	16V			
C168	1-126-964-11	ELECT	10MF	20%	50V			
C170	1-163-123-00	CERAMIC CHIP	180PF	5%	50V			
C231	1-163-031-11	CERAMIC CHIP	0.01MF		50V			
C232	1-136-161-00	FILM	0.047MF	5%	50V			
C233	1-136-161-00	FILM	0.047MF	5%	50V			
C234	1-126-960-11	ELECT	1MF	20%	50V			
C235	1-126-960-11	ELECT	1MF	20%	50V			
C236	1-136-161-00	FILM	0.047MF	5%	50V			
C237	1-126-960-11	ELECT	1MF	20%	50V			
C238	1-126-960-11	ELECT	1MF	20%	50V			
C241	1-126-941-11	ELECT	470MF	20%	25V			
C242	1-126-959-11	ELECT	0.47MF	20%	50V			
C244	1-126-959-11	ELECT	0.47MF	20%	50V			
C245	1-126-941-11	ELECT	470MF	20%	25V			
			(KV-32V36/34V36C/35V76)					
C246	1-126-959-11	ELECT	0.47MF	20%	50V			
			(KV-32V36/34V36C/35V76)					
C247	1-126-959-11	ELECT	0.47MF	20%	50V			
			(KV-32V36/34V36C/35V76)					
C261	1-136-161-00	FILM	0.047MF	5%	50V			
			(KV-35V36/37V36M/34V36C/32V36/35V76)					
C262	1-104-664-11	ELECT	47MF	20%	25V			
C263	1-136-161-00	FILM	0.047MF	5%	50V			
C264	1-126-941-11	ELECT	470MF	20%	25V			
C265	1-104-664-11	ELECT	47MF	20%	25V			
C266	1-126-960-11	ELECT	1MF	20%	50V			
			(KV-35V36/37V36M/34V36C/32V36/35V76)					
C267	1-126-960-11	ELECT	1MF	20%	50V			
			(KV-35V36/37V36M/34V36C/32V36/35V76)					
C270	1-126-960-11	ELECT	1MF	20%	50V			
C271	1-126-960-11	ELECT	1MF	20%	50V			
C273	1-136-165-00	FILM	0.1MF	5%	50V	J231	1-750-515-11	TERMINAL BLOCK, S 3P
C274	1-163-031-11	CERAMIC CHIP	0.01MF		50V	J232	1-750-517-11	JACK BLOCK, PIN 3P
C275	1-104-664-11	ELECT	47MF	20%	25V	J233	1-750-516-11	JACK BLOCK, PIN 2P
C276	1-163-251-11	CERAMIC CHIP	100PF	5%	50V	J234	1-750-517-11	JACK BLOCK, PIN 3P
			(KV-35V36/37V36M/34V36C/32V36/35V76)			J235	1-750-517-11	JACK BLOCK, PIN 3P (KV-34V36C/32V36/35V76)
C301	1-126-935-11	ELECT	470MF	20%	16V	J902	1-764-143-11	JACK 3P
C302	1-126-935-11	ELECT	470MF	20%	16V	J903	1-764-143-11	JACK 3P
			(KV-35V36/37V36M/34V36C/32V36/35V76)			J904	1-764-143-11	JACK 3P
FILTER BLOCK								
CM301	1-467-554-21	FILTER BLOCK, COMB	(KV-32V26)			JR151	1-216-295-91	CONDUCTOR, CHIP (2012)
CM302	1-467-656-11	FILTER BLOCK, COMB	(EXCEPT KV-32V26)			JR152	1-216-295-91	CONDUCTOR, CHIP (2012)
CHIP CONDUCTOR								



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REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
JR201	1-216-295-91	CONDUCTOR, CHIP	(2012)	R154	1-216-085-00	METAL GLAZE	33K 5% 1/10W
JR202	1-216-295-91	CONDUCTOR, CHIP	(2012)	R155	1-216-075-00	METAL GLAZE	12K 5% 1/10W
JR204	1-216-295-91	CONDUCTOR, CHIP	(2012)	R156	1-216-073-00	METAL GLAZE	10K 5% 1/10W
JR205	1-216-295-91	CONDUCTOR, CHIP	(2012)	R157	1-216-079-00	METAL GLAZE	18K 5% 1/10W
JR206	1-216-295-91	CONDUCTOR, CHIP	(2012)	R158	1-216-073-00	METAL GLAZE	10K 5% 1/10W
JR208	1-216-295-91	CONDUCTOR, CHIP	(2012)	R159	1-216-073-00	METAL GLAZE	10K 5% 1/10W
JR209	1-216-295-91	CONDUCTOR, CHIP	(2012)	R160	1-216-079-00	METAL GLAZE	18K 5% 1/10W
JR210	1-216-295-91	CONDUCTOR, CHIP	(2012)	R161	1-216-073-00	METAL GLAZE	10K 5% 1/10W
JR211	1-216-295-91	CONDUCTOR, CHIP	(2012)	R162	1-216-073-00	METAL GLAZE	10K 5% 1/10W
JR212	1-216-295-91	CONDUCTOR, CHIP	(2012)	R163	1-216-073-00	METAL GLAZE	10K 5% 1/10W
JR213	1-216-295-91	CONDUCTOR, CHIP	(2012)	R164	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
JR214	1-216-295-91	CONDUCTOR, CHIP	(2012)	R165	1-216-073-00	METAL GLAZE	10K 5% 1/10W
JR215	1-216-295-91	CONDUCTOR, CHIP	(2012)	R166	1-216-049-91	METAL GLAZE	1K 5% 1/10W
JR216	1-216-295-91	CONDUCTOR, CHIP	(2012)	R167	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
JR217	1-216-295-91	CONDUCTOR, CHIP	(2012)	R168	1-216-077-00	METAL GLAZE	15K 5% 1/10W
JR218	1-216-295-91	CONDUCTOR, CHIP	(2012)	R169	1-216-099-00	METAL GLAZE	120K 5% 1/10W
JR219	1-216-295-91	CONDUCTOR, CHIP	(2012)	R170	1-216-049-91	METAL GLAZE	1K 5% 1/10W
JR220	1-216-295-91	CONDUCTOR, CHIP	(2012)	R171	1-216-049-91	METAL GLAZE	1K 5% 1/10W
JR221	1-216-295-91	CONDUCTOR, CHIP	(2012)	R172	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W
JR222	1-216-295-91	CONDUCTOR, CHIP	(2012)	R173	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
JR223	1-216-295-91	CONDUCTOR, CHIP	(2012)	R174	1-216-081-00	METAL GLAZE	22K 5% 1/10W
JR226	1-216-295-91	CONDUCTOR, CHIP	(2012)	R175	1-216-081-00	METAL GLAZE	22K 5% 1/10W
JR228	1-216-295-91	CONDUCTOR, CHIP	(2012)	R176	1-216-081-00	METAL GLAZE	22K 5% 1/10W
TRANSISTOR				R177	1-216-049-91	METAL GLAZE	1K 5% 1/10W
Q231	8-729-422-27	TRANSISTOR 2SD601A-Q		R178	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
Q232	8-729-422-27	TRANSISTOR 2SD601A-Q (KV-32V36/34V36C/35V76)		R179	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
Q233	8-729-422-27	TRANSISTOR 2SD601A-Q		R180	1-216-099-00	METAL GLAZE	120K 5% 1/10W
Q234	8-729-422-27	TRANSISTOR 2SD601A-Q		R181	1-216-049-91	METAL GLAZE	1K 5% 1/10W
Q235	8-729-422-27	TRANSISTOR 2SD601A-Q (KV-32V36/34V36C/35V76)		R183	1-216-081-00	METAL GLAZE	22K 5% 1/10W
Q236	8-729-422-27	TRANSISTOR 2SD601A-Q (KV-32V36/34V36C/35V76)		R184	1-216-081-00	METAL GLAZE	22K 5% 1/10W
Q237	8-729-216-22	TRANSISTOR 2SB709A-Q		R185	1-216-081-00	METAL GLAZE	22K 5% 1/10W
Q238	8-729-216-22	TRANSISTOR 2SB709A-Q		R186	1-216-089-91	METAL GLAZE	47K 5% 1/10W
Q239	8-729-216-22	TRANSISTOR 2SB709A-Q		R187	1-216-099-00	METAL GLAZE	120K 5% 1/10W
Q240	8-729-216-22	TRANSISTOR 2SB709A-Q (KV-32V36/34V36C/35V76)		R188	1-216-097-91	METAL GLAZE	100K 5% 1/10W
Q241	8-729-216-22	TRANSISTOR 2SB709A-Q (KV-32V36/34V36C/35V76)		R189	1-216-097-91	METAL GLAZE	100K 5% 1/10W
Q242	8-729-216-22	TRANSISTOR 2SB709A-Q (KV-32V36/34V36C/35V76)		R190	1-216-081-00	METAL GLAZE	22K 5% 1/10W
Q241	8-729-216-22	TRANSISTOR 2SB709A-Q (KV-32V36/34V36C/35V76)		R191	1-216-089-91	METAL GLAZE	47K 5% 1/10W
Q242	8-729-216-22	TRANSISTOR 2SB709A-Q (KV-32V36/34V36C/35V76)		R192	1-216-063-91	METAL GLAZE	3.9K 5% 1/10W
Q241	8-729-216-22	TRANSISTOR 2SB709A-Q (KV-32V36/34V36C/35V76)		R193	1-216-075-00	METAL GLAZE	12K 5% 1/10W
Q242	8-729-216-22	TRANSISTOR 2SB709A-Q (KV-32V36/34V36C/35V76)		R194	1-216-099-00	METAL GLAZE	120K 5% 1/10W
Q243	8-729-216-22	TRANSISTOR 2SB709A-Q		R195	1-216-097-91	METAL GLAZE	47K 5% 1/10W
Q261	8-729-422-27	TRANSISTOR 2SD601A-Q (EXCEPT KV-32V26)		R196	1-216-089-91	METAL GLAZE	47K 5% 1/10W
Q262	8-729-422-27	TRANSISTOR 2SD601A-Q		R197	1-216-097-91	METAL GLAZE	100K 5% 1/10W
Q263	8-729-216-22	TRANSISTOR 2SB709A-Q		R198	1-216-081-00	METAL GLAZE	22K 5% 1/10W
Q265	8-729-216-22	TRANSISTOR 2SB709A-Q		R199	1-216-089-91	METAL GLAZE	47K 5% 1/10W
RESISTOR				R200	1-216-081-00	METAL GLAZE	22K 5% 1/10W
R151	1-216-085-00	METAL GLAZE	33K 5% 1/10W	R201	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R152	1-216-075-00	METAL GLAZE	12K 5% 1/10W	R202	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R153	1-216-073-00	METAL GLAZE	10K 5% 1/10W	R203	1-216-069-00	METAL GLAZE	6.8K 5% 1/10W

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REF.NO.	PART NO.	DESCRIPTION	REMARK			REF.NO.	PART NO.	DESCRIPTION	REMARK		
R204	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W	R246	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R206	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R247	1-249-417-11	CARBON	1K	5%	1/4W
			(KV-32V36/34V36C/35V76)			R248	1-216-021-00	METAL GLAZE	68	5%	1/10W
R207	1-216-295-91	CONDUCTOR, CHIP (2012)	(KV-32V36/34V36C/35V76)			R249	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R208	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R250	1-216-113-00	METAL GLAZE	470K	5%	1/10W
			(KV-32V36/34V36C/35V76)			R251	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R209	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W	R252	1-216-019-00	METAL GLAZE	56	5%	1/10W
			(KV-32V36/34V36C/35V76)			(32V36/34V36C/35V76)					
R210	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W	R253	1-216-113-00	METAL GLAZE	470K	5%	1/10W
			(32V36/34V36C/35V76)			(32V36/34V36C/35V76)					
R212	1-249-440-11	CARBON	82K	5%	1/4W	R254	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R213	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	R255	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R214	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W			(32V36/34V36C/35V76)			
R215	1-249-413-11	CARBON	470	5%	1/4W	R256	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W
R216	1-216-025-91	METAL GLAZE	100	5%	1/10W	R258	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W
			(32V36/34V36C/35V76)			(32V36/34V36C/35V76)					
R217	1-216-025-91	METAL GLAZE	100	5%	1/10W	R259	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R218	1-216-025-91	METAL GLAZE	100	5%	1/10W	R260	1-247-807-31	CARBON	100	5%	1/4W
R219	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	R261	1-216-009-00	METAL GLAZE	22	5%	1/10W
			(32V36/34V36C/35V76)			R264	1-247-815-91	CARBON	220	5%	1/4W
R220	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W			(32V36/34V36C/35V76)			
			(32V36/34V36C/35V76)			R265	1-247-815-91	CARBON	220	5%	1/4W
R221	1-249-413-11	CARBON	470	5%	1/4W	R266	1-216-043-91	METAL GLAZE	560	5%	1/10W
			(32V36/34V36C/35V76)			(EXCEPT KV-32V26)					
R222	1-216-025-91	METAL GLAZE	100	5%	1/10W	R267	1-249-415-11	CARBON	680	5%	1/4W
			(32V36/34V36C/35V76)			(EXCEPT KV-32V26)					
R223	1-216-025-91	METAL GLAZE	100	5%	1/10W	R268	1-216-025-91	METAL GLAZE	100	5%	1/10W
			(32V36/34V36C/35V76)			R269	1-216-025-91	METAL GLAZE	100	5%	1/10W
R224	1-216-025-91	METAL GLAZE	100	5%	1/10W			(32V36/34V36C/35V76)			
			(32V36/34V36C/35V76)			R270	1-216-041-00	METAL GLAZE	470	5%	1/10W
R225	1-247-815-91	CARBON	220	5%	1/4W	R271	1-249-415-11	CARBON	680	5%	1/4W
R226	1-247-815-91	CARBON	220	5%	1/4W	R272	1-249-417-11	CARBON	1K	5%	1/4W
						R274	1-249-413-11	CARBON	470	5%	1/4W
R227	1-249-440-11	CARBON	82K	5%	1/4W	R275	1-249-425-11	CARBON	4.7K	5%	1/4W
R228	1-216-033-00	METAL GLAZE	220	5%	1/10W			(EXCEPT KV-32V26)			
R229	1-216-025-91	METAL GLAZE	100	5%	1/10W	R276	1-249-425-11	CARBON	4.7K	5%	1/4W
R230	1-216-033-00	METAL GLAZE	220	5%	1/10W			(EXCEPT KV-32V26)			
R231	1-216-022-00	METAL GLAZE	75	5%	1/10W	R277	1-216-049-91	METAL GLAZE	1K	5%	1/10W
						R278	1-249-413-11	CARBON	470	5%	1/4W
R232	1-216-022-00	METAL GLAZE	75	5%	1/10W			(KV-32V36/34V36C/35V76)			
R233	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	R279	1-216-025-91	METAL GLAZE	100	5%	1/10W
R234	1-216-022-00	METAL GLAZE	75	5%	1/10W	R280	1-216-033-00	METAL GLAZE	220	5%	1/10W
R235	1-216-113-00	METAL GLAZE	470K	5%	1/10W	R281	1-216-033-00	METAL GLAZE	220	5%	1/10W
R236	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W			(32V36/34V36C/35V76)			
R237	1-216-113-00	METAL GLAZE	470K	5%	1/10W	R282	1-216-025-91	METAL GLAZE	100	5%	1/10W
R238	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	R283	1-216-025-91	METAL GLAZE	100	5%	1/10W
R239	1-216-022-00	METAL GLAZE	75	5%	1/10W	R284	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R240	1-216-113-00	METAL GLAZE	470K	5%	1/10W	R285	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R241	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	R286	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R242	1-216-113-00	METAL GLAZE	470K	5%	1/10W	R288	1-247-815-91	CARBON	220	5%	1/4W
R243	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	R289	1-247-815-91	CARBON	220	5%	1/4W
R244	1-216-113-00	METAL GLAZE	470K	5%	1/10W	R290	1-247-815-91	CARBON	220	5%	1/4W
R245	1-249-417-11	CARBON	1K	5%	1/4W	R291	1-216-025-91	METAL GLAZE	100	5%	1/10W



Note:

The components identified by shading
and mark Δ are critical for safety.
Replace only with part number specified.

Note:

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une marque Δ sont critiques pour la
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pièce portant le numéro spécifié.

REF.NO.	PART NO.	DESCRIPTION	REMARK			REF.NO.	PART NO.	DESCRIPTION	REMARK
R293	1-216-025-91	METAL GLAZE	100	5%	1/10W			KV-35V36/35V76/37V36M ONLY	
R294	1-216-049-91	METAL GLAZE	1K	5%	1/10W	Δ	1-411-881-11	COIL, DEMAGNETIC (KV-35V36/35V76/37V36M)	
R301	1-249-417-11	CARBON	1K	5%	1/4W	Δ	1-411-882-11	COIL, DEMAGNETIC (KV-35V36/35V76/37V36M)	
R304	1-249-417-11	CARBON	1K	5%	1/4W		1-473-549-11	SWITCH BLOCK, CONTROL (KV-35V36/35V76/37V36M)	
R902	1-249-405-11	CARBON	100	5%	1/4W F		1-556-945-21	CABLE P-P	
R919	1-216-295-91	CONDUCTOR,CHIP (2012)					1-557-056-31	CABLE P-P (KV-35V36/35V76/37V36M)	
R920	1-249-405-11	CARBON	100	5%	1/4W F	Δ	1-751-059-11	CORD, POWER (WITH CONNECTOR) (KV-35V36/35V76/37V36M)	
R921	1-249-405-11	CARBON	100	5%	1/4W F		8-453-007-11	NA324-M (KV-35V36/35V76/37V36M)	
R922	1-216-049-91	METAL GLAZE	1K	5%	1/10W		8-598-414-00	ANTENNA SWITCH (KV-35V36/35V76/37V36M)	
R923	1-216-049-91	METAL GLAZE	1K	5%	1/10W	Δ	8-733-760-71	ITC 37GX-A1 (KV-35V36/35V76/37V36M)	
R925	1-215-433-00	METAL	3.3K	1%	1/4W			ACCESSORIES AND PACKING MATERIALS	
R926	1-215-433-00	METAL	3.3K	1%	1/4W		3-701-627-00	BAG, POLYETHYLENE	
R1151	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W		3-859-518-21	MANUAL INSTRUCTION	
R1152	1-216-049-91	METAL GLAZE	1K	5%	1/10W			KV-32V26/32V36/34V36C ONLY	
R1153	1-216-089-91	METAL GLAZE	47K	5%	1/10W	*	4-049-758-11	BAG, PROTECTION (KV-32V26/32V36/34V36C)	
R1154	1-216-049-91	METAL GLAZE	1K	5%	1/10W	*	4-054-067-01	CUSHION (UPPER ASSY) (KV-32V26/32V36/34V36C)	
R1155	1-216-089-91	METAL GLAZE	47K	5%	1/10W	*	4-054-070-01	CUSHION (LOWER, ASSY) (KV-32V26/32V36/34V36C)	
R1156	1-216-073-00	METAL GLAZE	10K	5%	1/10W	*	4-054-073-01	INDIVIDUAL CARTON (KV-32V26/32V36/34V36C)	
R1157	1-216-073-00	METAL GLAZE	10K	5%	1/10W	*	4-054-074-01	INDIVIDUAL CARTON (KV-32V26/32V36/34V36C)	
R1158	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W			KV-35V76 ONLY	
R1159	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W		2-352-981-01	SPACER (KV-35V76)	
R1160	1-216-295-91	CONDUCTOR,CHIP (2012)					2-359-505-01	RETAINER, MAGNET (KV-35V76)	
R1161	1-216-295-91	CONDUCTOR,CHIP (2012)				*	4-030-895-01	JOINT (KV-35V76)	
R1164	1-216-049-91	METAL GLAZE	1K	5%	1/10W	4-041-162-01	PIN RACK (KV-35V76)		
R1165	1-216-049-91	METAL GLAZE	1K	5%	1/10W	4-041-362-01	HINGE SET (KV-35V76)		
R1166	1-216-049-91	METAL GLAZE	1K	5%	1/10W				
R1167	1-216-049-91	METAL GLAZE	1K	5%	1/10W	*	4-041-423-01	SHEET PROTECTION (KV-35V76)	
R1168	1-216-049-91	METAL GLAZE	1K	5%	1/10W	*	4-041-425-01	BAG, PROTECTION (KV-35V76)	
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MISCELLANEOUS									
KV-32V26/32V36/34V36C ONLY									
Δ	1-411-474-11	COIL, DEMAGNETIC (KV-34V36C)					4-053-277-01	CUSHION (LOWER, ASSY) (KV-35V76)	
Δ	1-411-952-11	COIL, DEMAGNETIC (KV-32V26/32V36)					4-054-376-01	WASHER (4) (KV-35V76)	
	1-452-579-21	MAGNET, DISC (KV-32V26/32V36/34V36C)					4-054-426-01	CUSHION (FRONT) (KV-35V76)	
Δ	1-452-579-21	NECK ASSY, CRT (NA322) (KV-34V36C)					4-055-014-01	SPACER (KV-35V76)	
	1-473-549-11	SWITCH BLOCK, CONTROL (EXCEPT KV-32V26)					4-055-138-01	SHEET FRONT (KV-35V76)	
	1-504-524-11	SPEAKER (8CM) (KV-32V26)					4-838-438-00	LATCH (KV-35V76)	
	1-505-326-11	SPEAKER (8CM) (KV-32V36/34V36C)							
*	1-557-056-31	CABLE P-P (KV-32V36/34V36C)							
*	1-556-945-21	CABLE P-P (KV-32V36/34V36C)							
Δ	1-751-059-11	CORD, POWER (WITH CONNECTOR) (KV-34V36C)							
	1-776-374-11	PLUG, F-PIN (KV-32V26)							
Δ	8-451-482-11	DEFLECTION YOKE (Y34FXA2-X) (KV-32V26/32V36/34V36C)							
	8-598-414-00	ANTENNA SWITCH (KV-32V26/34V36C)							
Δ	8-733-745-05	CRT 34FXD2 (SPD) (XBR) (KV-32V26/32V36/34V36C)							
	1-900-800-81	WIRE ASSY, G2 LEAD (KV-32V26)							
	1-900-800-82	WIRE ASSY, FOCUS (KV-32V36)							
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REMOTE COMMANDER									
	1-473-750-41	REMOTE COMMANDER RM-Y137A							
	4-978-977-01	LID, BATTERY COVER (FOR RM-Y137A)							

NOTES:

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Service Promotion Department

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